

THE BRAINERD DAILY DISPATCH

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ACTION AGAINST DUMBA'S AIDES

German Military Attache May Be Dismissed.

TWO OTHERS ARE INVOLVED

Consul General Nuber and the Editor of a Hungarian Newspaper May Be Proceeded Against on the Charge of Conspiracy.

Washington, Sept. 11.—The dismissal of Captain Franz von Papen, military attache of the German embassy, and proceedings on the charge of conspiracy against Consul General Nuber and the editor of the Hungarian newspaper Szabadsag, are consequences which may follow the administration's action in requesting the recall of Dr. Constantin Dumba, Austrian ambassador to the United States.

It was strongly indicated here that the administration is determined that, having charged Dr. Dumba with conspiring to disrupt American industry, action equally vigorous shall be taken against those associated with him.

Such action cannot be taken at once, however, as the case is not yet complete as regards the other three men mentioned in the ambassador's letter to his government recommending the scheme by which he hoped the production of munitions in the Bethlehem and other plants would be greatly reduced.

The department is waiting to receive a copy of the memorandum drafted by the Hungarian editor of Szabadsag, outlining the details of the plan recommended by Ambassador Dumba. Examination of this document, which was inclosed by Dr. Dumba in his letter to Vienna, is expected to show just what it was planned to do in order to disrupt the production of munitions.

Consul General Implicated. It is also thought likely that this memorandum will throw much light on the connection of Consul General Nuber with the affair. It is admitted in official quarters that certainly there is a strong presumption that he was a party to the plan, by reason of the fact that the editor forwarded his memorandum through the consul general.

Both the editor and the consul general are subject to state or federal proceedings on charges of conspiracy. It is understood that when the document in question is received it will be turned over to the department of justice, which will be requested to determine what grounds, if any, it furnishes for action by this government.

Secretary Lansing has already been informed of the name of the editor in question.

Captain von Papen, the military attache of the German embassy, is brought into the situation in two ways. He is referred to by Ambassador Dumba in his letter as having represented to him that it was of great importance to tie up the Bethlehem Steel and other plants in connection with the plan in question. He is also brought into the case by virtue of the fact that he is understood to have entrusted letters and other papers to Captain J. F. J. Archibald, from whom the ambassador's letter was taken by the British.

Awaiting Certain Papers.

The state department is expected to receive within a few days copies of such papers as von Papen gave to Archibald, together with the memorandum of the Hungarian editor. It is believed that both the memorandum and von Papen's own papers will throw much light on the extent to which he has been guilty of improper acts.

Attention was called to the fact that one of Ambassador Dumba's offenses was in employing an American citizen as a secret bearer of official dispatches through the lines of the enemy. According to press reports Captain von Papen did practically the same thing.

It is also reported, however, and in part substantiated by press dispatches quoting alleged portions of von Papen's letters, that the papers he gave to Archibald contained most disrespectful references to the administration at Washington. If this is the case there is little doubt that the captain will be held strictly to account for his words.

There are many evidences that the policy of the administration with regard to what will be tolerated from foreign representatives in this country has been radically changed. It was made clear that had the present attitude existed at the state department six or eight months ago many things might have occurred in the diplomatic corps last winter. The state department, it is known, has, through its own agents and those of the department of justice, gathered a

WILLIAM H. TAFT.

Says Wilson Took Only Course in Dumba Case.



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Tacoma, Wash., Sept. 11.—"In my judgment the administration has pursued the only course open to it in the case of Ambassador Dumba," said William H. Taft in a statement given out here. "After the admissions made he could no longer be persona grata to the American government."

great deal of interesting information regarding the activities of persons interested in the German and Austrian cause.

Despite the fact that in official quarters the friendly character of the American note to Vienna was pointed to as proof that no unpleasantness would result it was no secret that considerable anxiety existed among officials as to the consequences of the United States' step. No word has yet been received from Ambassador Penfield. There is much anxiety to learn what reception the Vienna foreign office gave the note requesting Dr. Dumba's recall and what action, if any, it indicated that it would take.

LATEST NOTE MAY CLEAR ATMOSPHERE

Washington Disappointed Over Reply in Arabic Case.

Washington, Sept. 11.—Disappointed and perplexed by Germany's note on the Arabic case administration officials are now looking forward to the receipt of another German note on the submarine issue, reported to have been handed Ambassador Gerard.

While no word has been received from the ambassador about a new note the state department has reason to believe that the communication reported to have been delivered is the German government's reply to the last general note of the United States on the submarine question.

Ambassador Bernstorff some time ago let it be known to the state department that his government was replying to the president's last note and it was the general understanding that it was favorable.

It is hoped here that the general note may afford a better basis for satisfaction regarding Germany's attitude toward the submarine issue than does her note on the Arabic case.

✦ AIRMEN DROP BOMBS ✦
✦ ON RUSSIAN PORT. ✦
✦ Berlin, Sept. 11.—The following German official statement was issued:
✦ "One of our naval airships ✦
✦ on Thursday night threw a ✦
✦ number of bombs with good ✦
✦ success on a Russian naval ✦
✦ base at a Baltic port and its ✦
✦ railway works. The airship ✦
✦ returned unhurt, although it ✦
✦ was fired at."

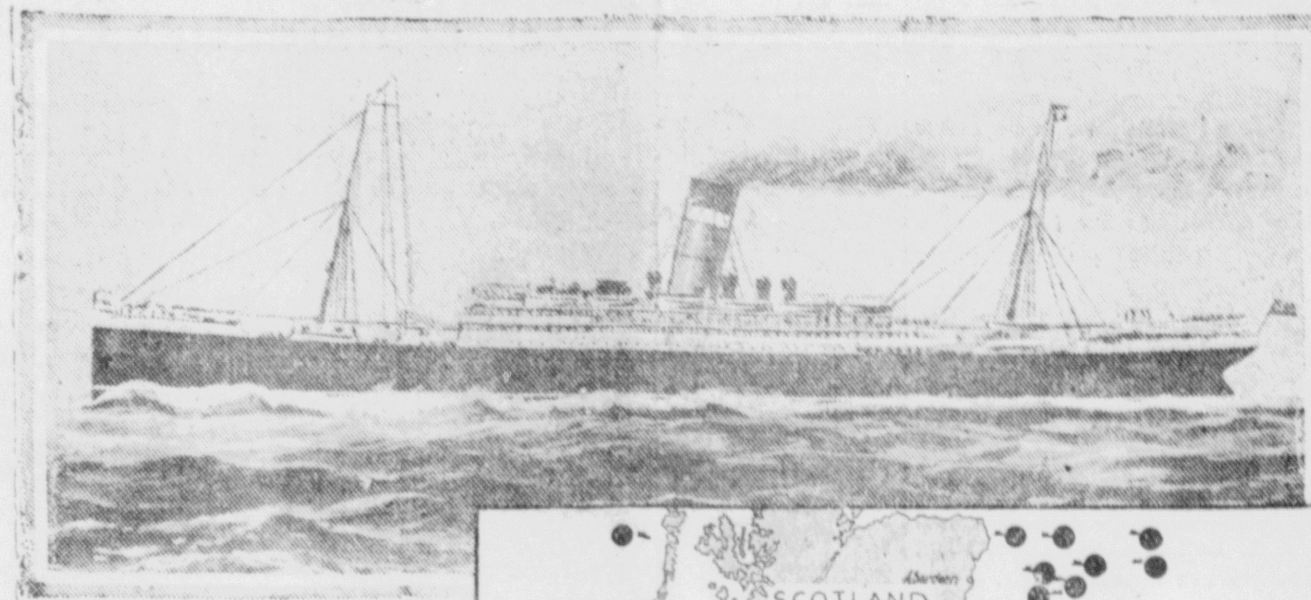
KILLS BABY BY ACCIDENT

Mother Not Aware That Revolver Was Loaded.

St. Joseph, Mo., Sept. 11.—The two-year-old son of Mr. and Mrs. William Addington of Rochester, Mo., died at a hospital here from a wound caused by the accidental discharge of a revolver held by the baby's mother.

Mrs. Addington was amusing the boy with the revolver, which she found under her husband's pillow. She did not think the weapon was loaded and pulled the trigger. Then she collapsed.

Allan Liner Sunk by Torpedo, and Map of German Operations



The Hesperian

The Hesperian, the Allan line steamship on her way from Liverpool to Montreal with many passengers and a crew among whom were two or three Americans, was sunk by a German torpedo a few days after German Ambassador von Bernstorff gave his word in writing—and the word of his government—that no more liners would be sunk without warning. The officers and passengers on the Hesperian say no warning was given. This raises a new complication with Germany. The strained situation which was alleviated by the statement of the German ambassador again exists.

The map shows the operations of the German submarines around the British Isles. More than 150 vessels have been sunk since Feb. 18, when the German war zone decree went into effect. The map shows where 111 ships have gone down between Feb. 18 and June 1.



AMBASSADOR VON BERNSTORFF SAYS GERMAN SUBMARINES WOULD SINK EVERYTHING THEY SEE ON HIGH SEAS

(By United Press)

New York, Sept. 11.—The Sun prints what purports to be an interview with Ambassador Von Bernstorff saying that the breaking of diplomatic relations with Germany means war, and further says they would order the submarine commanders to sink everything they see. That would mean war in a few days. He said through himself the United States had gained a diplomatic victory, and he was amazed at the continued talk of breaking those relations. In this country it seems like that, but none know what it means.

CROWN PRINCE LOST MANY

(By United Press)

Paris, Sept. 11.—An official statement says the crown prince's army has lost over 100,000 men in the successive attempts to burst through the French lines at Verdun. Following the repeated reverses last month the crown prince repeatedly attempted to regain important positions at Argonne, but without success. It is admitted that French losses this week were almost as heavy as those of the Germans.

CONCESSIONS TO JEWS

(By United Press)

London, Sept. 11.—A dispatch from Petrograd banks says the government there has permitted further concessions to the Jews. During the war they may live in and develop property in all cities except capitals and imperial residence towns, and the restrictions against the entrance of Jews to the government schools has been removed.

Border Situation Well Controlled

(By United Press)

Washington, Sept. 11.—General Funston has officially reported the border situation as well controlled with strong cordon from Laredo to the gulf.

Premier Vuchotio Has Resigned

Cettinje, Sept. 11.—The Montenegrin premier, Janko Vuchotio, has resigned, no details being given.

Ambassador Dumba Leaves His Hotel

(By United Press)

New York, Sept. 11.—Ambassador Dumba checked out at St. Regis hotel today, saying he was going to his summer home at Lenox, Mass. He refused to discuss the request for his recall. Ambassador Von Bernstorff remained, and he also refused to comment excepting to reiterate his former denial that he gave Archibald any papers.

Unable to Use Artificial Leg

(By United Press)

Paris, Sept. 11.—Sarah Bernhardt, the world's greatest actress, will never appear on the stage again. After a single performance for movies here, it is learned she is unable to use her artificial leg well enough to walk. She has cancelled her American engagement, and returned to Bordeaux.

Severe Earthquake Aquila Last Night

(By United Press)

Rome, Sept. 11.—A severe earthquake occurred at Aquila last night, no loss of life being reported.

Automobile Accident State Fair Races

(By United Press)

St. Paul, Sept. 11.—Jack Jenkins, driving an Emden car, crashed into the fence at the state fair grounds late this afternoon at the start of the automobile races. He was seriously, but not fatally, injured.

State Fair Crowds Reach Over 80,000

(By United Press)

St. Paul, Sept. 11.—The fair crowds are estimated at 80,000 today.

New York State Grows.

Albany, N. Y., Sept. 11.—The total population of New York state is 9,773,817, according to figures submitted to the constitutional convention by Secretary of State Hugo. New York city has 5,966,222, an increase of 300,561 in five years.

J. A. A. BURNQUIST.

Will Be Candidate for Governor of Minnesota.



BURNQUIST TO ENTER RACE

Lieutenant Governor Will Seek Gubernatorial Nomination.

St. Paul, Sept. 11.—Lieutenant Governor J. A. A. Burnquist undoubtedly will be in the race for the gubernatorial nomination next year. He holds that it is too early to make a formal announcement, but since his visit to the southern part of the state a short time ago he has let his friends know that he thinks his chances for the nomination are good enough to warrant a try at any rate and that he will be in the race after the first of the year.

Mr. Burnquist has shown himself to be a vote getter in the past. He was a member of the house in 1909 and 1911, was nominated for lieutenant governor at the first statewide primary in 1912 and was re-elected in 1914.

TORPEDO SAFEGUARD FOR BATTLESHIPS

Plans for Two Powerful Vessels Are Perfected.

Washington, Sept. 11.—Plans for two new battleships authorized by the last congress were signed by Secretary Daniels. They will be the largest and most powerful warships ever designed for the American navy and in addition to formidable main batteries of twelve fourteen-inch rifles each will be provided with new safeguards against torpedo attack and anti-aircraft guns.

While the navy department will not make public the nature of inventions adopted to protect the dreadnoughts from torpedoes Secretary Daniels said lessons learned from the European war had been given careful consideration by the navy's experts, who developed the device.

Specifications for the vessels will be ready for bidders before the end of next week and bids will be opened at the department Nov. 17.

The ships will displace 32,000 tons. They will have four submerged torpedo tubes, secondary batteries of twenty-two five-inch guns and four three-inch rifles for repelling air attacks. The length will be 624 feet over all, breadth 97 feet 8 inches and a draft of 36 feet.

The cost of each vessel exclusive of armor and armament is limited to \$7,500,000.

DUMBA'S COUNTRYMEN CONDEMN HIS ACT.

Chicago, Sept. 11.—A telegram expressing the belief that "more than half the population of Austro-Hungary condemn the Austro-Hungarian ambassador's attempts to interfere with American industries" was sent to President Wilson from Chicago by an organization representing more than 12,000 of Dr. Dumba's countrymen.

This announcement was made by Emil Tschler, president of the Slovak Guard, an organization of representatives from various Austrian societies whose members come from the northern part of Austro-Hungary.

British Buy American Mules.

Kansas City, Sept. 11.—British agents in the last two months have bought more than 15,000 pack mules here, according to statements by local dealers.

FRENCH RETAKE SOME POSITIONS

Germans Attack Vigorously in Vosges Mountains.

FAIL TO CHECK ADVANCE

Although the Russians Have Won Two Successes in Galicia, Making a Large Capture of Men and Guns, They Have Not Interfered With the General Austro-German Progress.

London, Sept. 11.—The Germans have repeated in the Vosges mountains the attempt which they made to break through the French lines in the Argonne forest, which seemingly indicates that the long expected offensive in the West will not much longer be delayed. In these attacks the Germans claim that they were enabled to occupy some French trenches.

The French report, issued later, admits this, but says the German progress was accomplished by the use of asphyxiating gases and that in counter attacks the French regained the greater part of their lost ground at Hartmannsweilerkopf and later repulsed another violent attack against that position.

Hartmannsweilerkopf, which was taken by the French during their spring and summer operations, probably has been the scene of as much hard fighting as any place on the whole front. It has changed hands a dozen times. The Germans by assault again, at a footing on the summit, but, according to the French report, were driven down again. Outside of these events the armies in the West have been engaged in almost continuous artillery duels, bomb throwing and air raids.

In the East there is little change in the situation. The two Russian successes on the Sereth river, Galicia, while they made a big capture of men and guns, have not interfered with the Austro-German advance. Further north the Austrians have taken Dubno, the second of the triangle of fortresses to fall into their hands, and, with the help of the Germans, are advancing to Rovno, the third of these fortified centers. Meanwhile the Germans, from the south of the Pripiet marshes to the region southwest of Vilna, are fighting hard and with some success for the strategic railway system of the Brest-Vilna area.

Most of this railway system is already in the possession of the invaders, but they are now aiming particularly at the main trunk line which, starting at Riga, runs through Divinsk, Vilna, Lika and the east pripiet marshes to Rovno and onward to Lemberg, Galicia.

SHIPMENT OF TOYS ARRIVES

Forty-five Hundred Cases Brought to New York From Germany.

New York, Sept. 11.—Forty-five hundred cases of toys, believed to be the first shipment of this kind to reach this country from Europe since the British order in council has been effective, arrived here aboard the Holland-America freight steamer Veenbergen from Rotterdam.

The shipment was held up at Rotterdam with other goods destined from Austria and Germany to this country amounting, it has been estimated, to \$167,000,000.

LABOR SHUNS PEACE PLANS

Congress of Britain's Union Men Reject Resolution.

Bristol, Eng., Sept. 11.—The Trades Union congress, representing more than 3,000,000 organized English workmen, rejected by an overwhelming vote a resolution calling upon the parliamentary committee of the Labor party to formulate and advocate terms of peace satisfactory to the working classes.

MINERS DRAW UP DEMANDS

Anthracle Workers Adopt Ten Requirements for Wage Scale.

Wilkesbarre, Pa., Sept. 11.—The union anthracite mine workers, in convention, adopted ten demands they will present to the coal operators when the time comes for negotiating a new wage agreement to take the place of the present one, which expires April 1, next year.

The principal demands include a 20 per cent increase in wages, an eight-hour day, with extra pay for overtime and holiday and Sunday work, recognition of the union, a two-year agreement and a better system of adjusting grievances.

The demands were drawn up by a scale committee appointed by the convention, which represented all the organized mine workers in the three anthracite districts of the United Mine Workers of America.

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Thompson Bros.
& Clausen
Manufacturers of
Cement Blocks, Brick, Tile, Chimney
Blocks and Reinforced Well Curbings.
Will put in foundations, Sidewalks
and all kinds of Cement Work.
107 West Front St., Brainerd.

For Sale
97 acres of land, in St. Mathias,
being lot 2 and the W 1/2 of SE 1/4
of Section 23-43-31. Inquire of
Chas. Peterson, 623 Pine St.

THE CURE FOR CATARRH
The readers of this paper will be
pleased to learn that there is at least
one cured disease that science has
been able to cure in all its stages, and
that is catarrh. Hall's Catarrh Cure is
the only positive cure now known to the
medical fraternity. Catarrh being a con-
stitutional disease, requires a constitu-
tional treatment. Hall's Catarrh Cure is
taken internally, acting directly upon the
blood and mucous surfaces of the system,
thereby destroying the foundation
of the disease, and giving the patient
strength by building up the constitution
and assisting nature in doing its work.
The proprietors have so much faith in
its curative powers that they offer One
Hundred Dollars for any case that it
fails to cure. Send for list of testimo-
nials.
Address: F. J. CHERRY & CO., To-
ledo, O.
Sold by Druggists 75c.
Take Hall's Catarrh Cure for catarrh.

School time again



The careful man knows the best lesson his boy can learn is to put his money safe in the Bank

BANKING YOUR MONEY IS ONLY GOOD ARITHMETIC.
CARRY YOUR MONEY IN YOUR POCKET; YOU SPEND IT; YOU SUBTRACT FROM WHAT YOU HAVE.
PUT YOUR MONEY IN OUR BANK; YOU SAVE IT; YOU ADD TO WHAT YOU HAVE.
THE CAREFUL MAN ALWAYS "ADDS TO" WHAT HE HAS.
BANK WITH US.
WE PAY INTEREST ON TIME AND SAVINGS DEPOSITS.

First National Bank
Brainerd, - - Minn.
Established 1881
Capital and Surplus
One Hundred Thousand Dollars

THE WEATHER
Weather Forecast for Next 24 Hours
Warmer.
Sept. 10, maximum 66, minimum 52. Rainfall 31 hundredths inches.

LOCAL NEWS NOTES
Lowry Smith went to Nisswa this afternoon.
See Clark's bargain windows. 35tf
Henry Blackwood went to Crosby this afternoon.
For Spring Water Phone 264. 11
Jacob Rosko attended the state fair at Hamline.
Glasses properly fitted. Dr. LONG. 291tf
T. E. Bacon, of Pillager, was in Brainerd today.
Trunks and leather traveling bags, from \$3 to \$12. D. M. Clark & Co. 19tf
Mr. and Mrs. Herman Tomsic are visiting in St. Paul.
J. C. Amundson, of Crosby, was in the city on business.

NAT GOODWIN
In
"THE MASTER HAND"
Five Reels
Sunday at the GRAND
Flour \$2.75 per hundred, Sugar \$6 per sack. O'Brien Mercantile New Way Store. 11
P. E. McCabe and W. E. Fitzharris went to Staples this noon.
J. K. Hill and little daughter visited friends at Jenkins Monday.
Houses, lots, easy terms. Nettleton. 85tf
Lars Swelland is attending to business matters in the Twin Cities.
Flour \$2.75 per hundred, Sugar \$6 per sack. O'Brien Mercantile New Way Store. 11
Mr. and Mrs. John Hill and daughter visited friends at Jenkins Monday.
Dinner at the Iron Exchange Hotel Cafe 12:30 until 2 P. M. Sunday. 1
A. A. Heath, R. A. Tuttle and Louis Hallum of Aitkin, were in the city on business.
C. Jensen, teacher of violin, theory and harmony. Studio 309 South Eighth street, phone 595. 78tf
George Ilse had the misfortune to burn his hands severely while at work in the shops.
C. H. Paine, Henry I. Cohen and A. A. Gierist went north today to hunt chickens and ducks.
Several 40 and 80 acre tracts. Close to city at Bargains. Daves Farm Land, 717 Laurel St. 8011m
Rev. W. F. Winniger, pastor of the Baptist church of Laport, was a guest of Rev. R. E. Cody.
Gust Olander and son, Gustaf Olander, of Deerwood, have returned from a week spent at the state fair.
Try a Chicken Dinner Sunday at the Iron Exchange Hotel Cafe, 35c. 11

Carl Zapffe is showing a fine Japanese Lily raised in his garden. This is the first season it has bloomed.
Rev. and Mrs. M. Anttonen and Miss Sadie Anttonen of New York Mills are visiting Mr. and Mrs. J. Hill.
Rev. D. A. Samannan went to New York Mills this noon. He supervises missionary work in a large district.
County Attorney S. F. Alderman has returned from a visit with relatives in Connecticut. A sister was sick there.
Dr. Balch has moved his office from the Windsor hotel to rooms up stairs in the Cale block on Front street where parties in need of the services of a foot doctor can find him. 83tf
Judge A. W. Uhl returned today from St. Paul where he had been on legal business. He left this afternoon for his home in Crosby.
United Order Foresters dance Monday evening, Sept. 13. Tickets 25c, ladies free. Elks hall.—Adv. 84tf
Mrs. S. T. Edwards, Walden Edwards, of Oak Park, and Mr. and Mrs. F. A. Bell of River Forest, Ill., were tourists in the city today.
Flour \$2.75 per hundred, Sugar \$6 per sack. O'Brien Mercantile New Way Store. 11
S. S. Williamson, public accountant of Duluth, has about concluded his examination of the books of school district No. 51, of the Crosby-Ironton district. It will take some ten days to formulate his report.
Flour \$2.75 per hundred, Sugar \$6 per sack. O'Brien Mercantile New Way Store. 11
H. P. Dullum has returned from Mohall, S. D., where he superintended threshing operations on his farm. The wheat went exceptionally good, 22 bushels to the acre, weighing 63 pounds to the bushel. This was an increase of 7 bushels to the acre over last year's crop.
Have you seen the splendid showing of new millinery at B. Kaatz & Son? You will see many striking modes market at very popular prices.—Adv. 1
President Wilson has been writing shorthand for about 40 years. Learn shorthand and bookkeeping at the Little Falls Business College in just a few months. Write. w
Charles Kinkele, of Walker, met his old friend, R. D. King and told him an awful dream he had. Kinkele in his dream saw Leech lake as dry as a bone and when he awoke he was wrestling with his pillow. "It was this way," said Mr. Kinkele. "I thought the whole lake was dry and I was trying to save the fish. There was a big pike that I got by the gills and we were wrestling around in the bed of the lake and when I came to I had a hold of my pillow."
A good way to save money is to put it where you can't get it. A First Mortgage of the Security National Loan Company will give you 7% interest. 67tf

RESULTS ON THE DIAMOND
American Association.
St. Paul 1, 10; Columbus 2, 2.
Louisville 7, Minneapolis 5.
Indianapolis 1, 5; Kansas City 0, 3.
National League.
Philadelphia 7, New York 3.
Cincinnati 7, St. Louis 1.
Pittsburg 8, 2; Boston 1, 3.
American League.
St. Louis 3, New York 1.
Boston 7, Philadelphia 2.
Cleveland 6, Detroit 2.
Federal League.
Brooklyn 2, Pittsburg 0.
St. Louis 3, Newark 0.
Buffalo 3, Kansas City 1.

ERTLE WINS FIGHT ON FOUL
St. Paul Boy Given Decision Over Kid Williams.
St. Paul, Sept. 11.—Eighteen-year-old Johnny Ertle of St. Paul is the champion bantamweight boxer of the world.
He took the title from Kid Williams of Baltimore at the Auditorium when, in the fifth of a scheduled ten-round battle, Williams landed a vicious right uppercut that sent Ertle reeling to his knees with a cry that he had been fouled. Referee George Barton at once waved Williams to his corner and summoned Dr. R. A. Plankers to the ring. The physician examined Ertle and gave it as his opinion that the Kewpie had been fouled. Barton then announced that Ertle was the winner on a foul and his decision, technically carried with it the championship. Nearly 4,000 fans were present to cheer the winner.

PA'S PRAYER HELPS ELOPERS
Daughter Slips Away While Her Father is on His Knees.
Scottsdale, Pa., Sept. 11.—While David Kennedy was on his knees saying the evening prayer, Miss Josephine Kennedy, his daughter, aged sixteen, aided by her mother, eloped with Frank Steltano of Waynesburg to Cumberland, Md., where they were married.

Here They Come by Express
Pretty Things from the East
New Coats, Suits, Skirts, Dresses,
Waists and Pretty New Neckwear
Our Buyers in the East are just rushing out lots
of Pretty New Things
= = = =
Murphy's
THE STORE OF QUALITY
ASK US
WHAT'S NEW
THE
SMART SHOP

ASSERTS MINNESOTA WILL LEAD IN CORN
Col. Freeman Thorp, State Fair Exhibitor, Claims New Farming Methods He Exemplifies
WILL GIVE 100-BUSHEL YIELDS
Land Now Considered Worthless for Farming Can be Made Profitable for Farming
The Minneapolis Journal describes Col. Freeman Thorp's work and the exhibit of the National New Farming Association demonstration farm at the state fair as follows:
When land that is now considered worthless for farming will yield 100 bushels of corn an acre, Minnesota will be the greatest corn state in the United States, today declared Colonel Freeman Thorp, field manager for the National New Farming association, who is in charge of an exhibit at the state fair. It shows corn that has been raised by the methods advocated by the association on light, sandy soil near Hubert in Crow Wing county.
Artificial fertilizers of all kinds are held needless by Colonel Thorp, who in 43 years of experimentation has become convinced that by allowing no water to run off land, the fertilizing elements in the rain and air will prove more than sufficient to raise bumper crops.
"When water runs off land," said Colonel Thorp, "it takes with it 90 per cent of the fertilizers that nature has provided. By special systems of plowing and disking which keep the water on the land and prevent it from running onto the lower portions we have been able to keep all the plant food that is deposited on the land."
"We are working on the lightest soil we could find and it is directly over 25 feet of sand with no clay. We have been treating by the methods we have worked out for eight years and cropping it every year, but taking everything off. Last year we raised 100 bushels of corn to the acre."
"The principal fertilizer is the atmospheric dust. I have found that an inch of this falls of land during the year. The water that runs off carries it along and causes an enormous waste. Another source is the plant food that comes to the surface from below. It is washed away by the next rain if the water is allowed to run off."
"The peat in the northern part of the state, and there are millions of tons of it, is a wonderful fertilizer. One ton is equal to two tons of barnyard manure."
"By our methods land that was worth \$12 an acre five years ago has been made worth \$100 today. I bought some land for \$2 an acre 20 years ago and experts at that time said it was the poorest land in the state. I sold some of it this year for \$70 an acre."
"The strength in our methods is that they are not merely supported by theory. The best theories sometimes do not work out in practice, but I have proved in field work as well as in the laboratory, the things that I preach. I have demonstrated in actual fields culture and not in garden patches."
"I was given a studio 43 years ago in Washington and there I carried on my experiments. I had free access to the congressional library and to the senate and house where I interested many of the senators and congressmen."
"The association publishes a magazine called New Farming, of which Colonel Thorp is editor. The officers of the association include Professor J. Russell Smith of the University of Pennsylvania, secretary. John Henry Wurst, president of the North Dakota Agricultural college, and J. G. Wall, New York, are associate editors and contributors to the magazine. The president of the association is to be chosen this winter.
Where Authority Ends.
"Rogers is a born leader of men. Thousands of them would follow him into the jaws of death."
"Yes, but he can't make his two-year-old boy so much as sit in a chair."
—Harper's.

GRAIN AND PROVISION PRICES
Duluth Wheat and Flax.
Duluth, Sept. 10.—Wheat—On track and to arrive, No. 1 hard, 98¢; No. 1 Northern, 97¢; No. 2 Northern, 95¢. Flax—On track and to arrive, \$1.62.
St. Paul Grain.
St. Paul, Sept. 10.—Wheat—No. 1 Northern, 97¢@98¢; No. 3 Northern, 87¢@93¢; No. 2 Montana hard, 91¢@94¢; corn, 74¢@75¢; oats, 32¢@32 1/2¢; barley, 43¢@53¢; rye, 86¢@87¢; flax, \$1.65 1/2.
Chicago Live Stock.
Chicago, Sept. 10.—Cattle—Steers, \$6.10@10.25; cows and heifers, \$3.00@8.40; calves, \$7.50@11.50. Hogs—Light, \$7.45@8.25; mixed, \$6.50@8.25; heavy, \$6.25@7.70; rough, \$6.25@6.45; pigs, \$6.50@7.75. Sheep—Native, \$5.40@6.00.
Minneapolis Grain.
Minneapolis, Sept. 10.—Wheat—Sept., 91¢; Dec., 91¢; May, 96¢. Cash close on track: No. 1 hard, 99¢; No. 1 Northern, 93 1/2¢@98 1/2¢; No. 2 Northern, 90 1/2¢@95 1/2¢; No. 3 Northern, 85 1/2¢@91 1/2¢; No. 3 yellow corn, 73¢@74 1/2¢; No. 3 white oats, 33 1/2¢@33 3/4¢; flax, \$1.65 1/2.
South St. Paul Live Stock.
South St. Paul, Sept. 10.—Cattle—Receipts, 2,600; steers, \$4.50@9.25; cows and heifers, \$4.50@6.50; calves, \$4.75@10.50; stockers and feeders, \$4.25@7.50. Hogs—Receipts, 2,200; range, \$6.25@7.85. Sheep—Receipts, 800; lambs, \$4.50@8.00; wethers, \$4.75@5.75; ewes, \$3.00@5.25.

CHICAGO GRAIN AND PROVISIONS.
Chicago, Sept. 10.—Wheat—Sept., 91 1/2¢; Dec., 94¢; May, 97 1/2¢. Corn—Sept., 72¢; Dec., 57 1/2¢; May, 59¢. Oats—Sept., 36 1/2¢; Dec., 36 1/2¢; May, 35¢. Pork—Sept., \$12.05; Oct., \$12.17; Nov., \$12.52 1/2. Butter—Creameries, 24 1/2¢. Eggs—17 1/2¢@22¢. Poultry—Springs, 14¢@14 1/2¢; fowls, 12 1/2¢@13 1/2¢.
St. Paul Hay.
St. Paul, Sept. 10.—Hay—Choice timothy, \$16.00; No. 1 timothy, \$14.50@15.25; No. 1 clover mixed, \$11.00@11.75; No. 1 mixed, different grasses, \$11.00@11.75; No. 1 mixed, timothy and wild, \$10.50@11.25; choice alfalfa, \$12.50; No. 1 upland, \$11.00@11.75; No. 1 midland, \$7.00@8.00; No. 1 alfalfa, \$15.00@15.75.

"OLD HICKORY" ROAD.
Tennessee to Reconstruct Highway Long Used by Andrew Jackson.
While Tennessee is building good roads under the tremendous general impetus that has been created by the Dixie highway movement she will honor the memory of President Andrew Jackson by the construction of a road to be known as the Old Hickory highway, running from Knoxville to Bristol.
This highway will follow the route which Andrew Jackson, or Old Hickory, used in his trips from Knoxville to Washington. The road originally was a pioneers' trail and has been used ever since. It was the stagecoach pike in the days of Jackson and since then has been known as the Old Hickory stage road.
Money and labor for the rehabilitation of this highway has been provided for. This is a very remarkable route from the fact that there are neither ferries nor mountains to cross, and the grade runs considerably under 2 per cent the greater part of the way.
This is a much shorter line than the Memphis-Bristol highway and because passing through the great mineral spring section of east Tennessee is highly attractive. Sullivan county has a pike from Bristol to the county line. Hawkins by the recent \$500,000 bond issue which it voted provided for a pike to the Granger line, and Knox under its \$500,000 bond issue will build a pike from Knoxville to the Granger county line.

Zeppelin and Crew Lost.
London, Sept. 10.—An Amsterdam dispatch to the Exchange Telegraph company says: "A Zeppelin which left Brussels in the direction of Antwerp Tuesday evening and returned Wednesday morning lost a propeller over Stockem. Near Brussels it fell and was entirely destroyed by an explosion. The members of the crew were killed."
Belgian Minister Dies.
Havre, Sept. 10.—The death is announced of Louis Hysmans, the Belgian minister of state and member of the Belgian chamber of deputies for Brussels.
Had to Work for Citizens.
The county commissioners of Kings county, Wash., have decided to include in all road contracts a stipulation that none but citizens of the United States shall be employed on county road work.

MEXICAN LEADER FLATLY REFUSES
Carranza Declines to Join Peace Conference.
RESENTS FOREIGN ACTIVITY
Constitutionalist Chief Says He Cannot Consent That Interior Affairs of the Republic Be Handled by Mediators—Bandits Kidnap American Ranchman.
Vera Cruz, Sept. 11.—General Venustiano Carranza, first chief of the Constitutionalist party, has declined to acquiesce in the invitation of the diplomatic representatives of the United States and the Latin-American countries that he join the leaders of the various factions in Mexico in an endeavor to bring about peace.
The reply of General Carranza, which was handed to John R. Sullivan, President Wilson's representative in Mexico, said that General Carranza could not consent that the interior affairs of the republic be handled by mediation or by the initiative of any foreign government.

BANDITS KIDNAP AMERICAN
Secretary Lansing Demands Release of Ranchman.
Washington, Sept. 11.—State and war department officials were aroused over the kidnapping of an American citizen by Mexican bandits at Columbus, N. M. John Lowenbruck, a ranchman, was seized by a band of Mexicans, said to be soldiers, carried across the border from Columbus, and word sent back that he was being held for a \$2,000 ransom.
Information of the incident was first communicated to the war department. It was at once taken up with Secretary Lansing, who sent representations to General Villa through Consular Agent Carothers demanding that the ranchman be released.
The administration has reports indicating that General Villa is losing control of some of his forces in Northern Mexico and that many of the soldiers have broken away from their commands and organized into belligerent bands, adding to menacing conditions along the border.

WANTS
Notices under this head will be charged for at the rate of one cent a word for the first insertion and one half a cent a word for each subsequent insertion, strictly cash in advance, but ad will be taken for less than fifteen cents.
HELP WANTED.
WANTED—Porter at Ideal hotel. 8214
WANTED—Messenger boy at Western Union office. 831f
WANTED—Good steady man for general farm work. Address F. S. Parker. 821f

FOR RENT.
FOR RENT—Seven room house at 1020 7th St. S. 8416p
FOR RENT—Two furnished rooms. Inquire 922 7th St. south. 8216
FOR RENT—Desirable furnished rooms, 722 South Broadway. 381f
FOR RENT—Furnished room, with or without board. Phone 539-J. 811f
FOR RENT—Furnished rooms for light housekeeping, 716 1/2 Laurel St. 73
FO RENT—Two furnished rooms for light housekeeping. 813 Holly street. 8513p
FOR RENT—Furnished room with board in new modern house. 517 N. 5th St. 841f
MODERN Rooms, with or without board. Prices reasonable. 611 Holly St. or Phone 364. 8216p

FOR SALE
BARN FOR SALE—Apply at D. M. Clark's store. 401f
FOR SALE CHEAP—A Buick roadster. Smith Auto Co. 11
FOR SALE—No. 7 Radiant home heater, 1023 East Oak Street. 8216
FOR SALE—Bungalow, at a bargain. Call 221 Kingwood St. 8516p
FOR SALE—Two story brick house, bath, two lots. Mrs. Hannah Olson, 811 Fir street. 8413
FOR SALE—Dairy business, fine well paying route, 60 to 70 quarts daily. Phone 495. 8313p
FOR SALE—A half dozen or more heifer calves for sale or trade for fresh cows. P. M. Zakariasen. 8512-w11
FOR SALE CHEAP—5 passenger automobile. First class condition. Brainerd Electric Shop, near post-office. 8514
FO SALE—For cash or will trade for auto in good condition, 2 lots on Bluff and 5th St. Small, 815 Grove St. 8116

MISCELLANEOUS
LOST—Cocker spaniel, answers to name of Duke. Return to 511 Kingwood for reward. 8513p
WANTED 10,000 shins, so we can buy automobile. Remember the Brainerd Shoe Shining Parlors. 8514
LOST—Gold brooch in shape of wishbone. If found leave at L. M. Koop's store and receive reward. 821f
WANTED—To buy or rent seven room house, central location. Jos. Miller, 413 13th St. Tel. 365-L. 8213
LOST—Barrels of a double-barrelled gun near Wise's slough. Finder please return to 610 North Ninth. REWARD. 8313
WANTED—Light saddle horse, well broken, used to cars, cheap for cash. Apply letter or phone Wilcox mine, Woodrow. 8313
CAN YOU use a bigger income? Selling our Sanitary Brushes offers you the opportunity. Free sample brush if you are interested. North Ridge Brush Co., Freeport, Ill. 1p
Build a business for yourself—profitable and permanent, selling health and accident insurance for strong company just opening Minnesota. Liberal policies, exclusive territory. We teach you, if inexperienced. Great Western Accident Insurance Co., Des Moines, Iowa. 7412s-4-11-17

WOMAN'S REALM

TEACHERS TRAINING CLASS TO GRADUATE

Exercises at the Swedish Baptist Church, Nine to Graduate From Bible School

ADDRESS BY REV. A. B. COLVIN

The Class Officers, Class Colors, Class Flower, Class Motto, the Ushers, Etc.

A teachers training class of the Swedish Baptist bible school will be graduated Sunday, the members being Miss Selma Schelin, Miss Hilda Johnson, Miss Amy Erickson, Miss Esther Johnson, Miss Judith Erickson, Mrs. A. E. Gustafson, A. E. Gustafson, Axel Anderson and Dr. Joseph Nicholson.

The class colors are green and white, the class flower is the rose, and the class motto "To Be, Rather Than to Seem."

The class officers are President Miss Judith Erickson, vice president Miss Amy Erickson, secretary Axel Anderson, treasurer Miss Esther Johnson and teacher, Dr. Joseph Nicholson.

This program will be given at the church in the evening.

Presiding, Mrs. A. B. Colvin, superintendent of the Bible school, Praise service.

"Woodland Echoes" E. P. Wymann by Miss Olga Hagberg (Philathea). Scripture reading and Invocation, Miss Olive Hotchkiss (Philathea). "Eyes Hath Not Seen," Alfred R. Gaul, by Mrs. Nels Johnson.

Address, "Training for Service," by Rev. A. B. Colvin, pastor.

"The King of Love My Shepherd Is," Gounoud, by Miss Anna Michaelson.

Presentation of diplomas by Mrs. Henry Olson, county superintendent teachers training.

The ushers will be Miss Lilly Johnson, Miss Esther Peterson, Miss Esther Sundberg, Miss Ida Peterson.

ASK FOR CLOTHING

Associated Charities Anxious to Assist Needy Families and Equip Their Children for School

Clothing and shoes for children are needed at this time of the year and the Associated Charities, in behalf of the poor of the city, asks citizens to donate them and they will call for them and see that they are distributed where needed.

You may call on the telephone Mrs. George Bertram, No. 185, or Mrs. Fred Stillings, No. 20-R, and the supplies will be collected.

Religion and Education

The United States spends huge sums of money in education. Six years ago this sum had passed the four hundred millions of dollars. What is the result? What are the object of that education? What are we doing to cultivate the religious side of life? One hour a week in the Sunday school is all that many children receive. Here is a question that it behooves sane men to consider.

The discussion tomorrow morning at the Methodist church will be worth your while.

HYGIENE IGNORANCE FATAL

Death Rate Increased 100 Per Cent in Three Decades.

Rochester, N. Y., Sept. 11.—Failure to observe the rules of hygiene has increased the death rate from diseases of the heart, arteries and kidneys 100 per cent in three decades, Dr. Elmer E. Rittenhouse, president of the life extension institute, declared at the session of the American Public Health association.

In ten years the increase in the death rate from these diseases, he said, had been 54 per cent among miners, 34 per cent among laborers and servants and 60 per cent among farmers.

DULUTH FIRE CHIEF KILLED

Motor Truck Dashing to Blaze Collides With Automobile.

Duluth, Sept. 11.—Fred E. Ganzaw, fifty-seven years old, assistant chief of the Duluth fire department, was killed when a motor truck on which he was riding collided with a touring car while making a rapid run to a small fire in West Duluth. The touring car belongs to R. F. Cochran of Cloquet.

An Easy, Pleasant Laxative

One or two Dr. King's New Life Pills with a tumbler of water at night. No bad, nauseating taste; no belching gas. Go right to bed. Wake up in the morning, enjoy a free, easy bowel movement, and feel fine all day. Dr. King's New Life Pills are sold by all druggists. 25 in an original package, for 25c. Get a bottle today—enjoy this easy, pleasant laxative. Your druggist—Adv.

PERSONAL MENTION

Miss Betty Johnson, of Loerch, visited in Brainerd today.

Mrs. Frank Oberg, of Deerwood, motored to Brainerd today.

Miss Marie English went to Minn. S. D., this noon where she will teach.

Miss Frieda Peterson went to Backus today where she will teach school.

Miss Maude Cullen, teaching at Crosby, arrived home today for an over Sunday visit with her parents.

Mrs. T. Mydland, of Lake Preston, is the guest of her sister, Mrs. Martin Sells of Neutral, arriving in Brainerd today.

Union Services

Swedish Lutheran, Bethlehem Lutheran and Swedish Mission churches will hold union service on Sunday evening at the Swedish Lutheran church. Services begin at 7:45. Miss Wallenberg, a missionary to China for 20 years, will speak. Program as follows:

Hymn Congregation
Scripture lesson and prayer.....
Solo Rev. M. L. Hostager
Prof. J. Albin W'ntner

Address Miss Wallenberg,
Solo Prof. Swanson

Remarks Rev. O. Dalbe

Announcements Rev. E. Carlson

Hymn Congregation

Prayer and benediction.....

Rev. Clemens

FATHER VISITS SON AT MINE

Capt. Wm. Pascoe Surprised When Father, Capt. Peter W. Pascoe Calls on Him

E. A. LAMB WITNESS IN CASE

Attorney D. B. McAlpine Attended to Legal Matters in Duluth—Other Ironton News

Ironton, Minn., Sept. 10.—At the time the Lake Superior Mining Institute visited Crosby and the Cuyuna range, Capt. Wm. Pascoe was surprised when his father, Capt. Peter W. Pascoe, of the Cleveland-Cliffs Co., Republic, Mich., came unannounced to the Cuyuna-Mille Lacs mine and called on him. The son had no idea his father was on the range.

Martin Moe, of Duluth, visited his brother, Axel Moe.

Mrs. and Mrs. Leo Frazer, of Brainerd, were guests of Mr. and Mrs. Isaac Frazer.

Attorney D. B. McAlpine was in Duluth attending to legal matters.

I. W. Smith and family have gone to Duluth where they will spend the winter.

Mr. and Mrs. O. E. Skelman were at Duluth on a visit.

Mrs. W. F. Gruenger was a guest of Mrs. M. F. Crosby at Crosby.

E. A. Lamb was a witness in the case of the Iroquois Iron Co. vs H. J. Kruse, heard in Duluth before Judge Page Morris.

A baby girl was born to Mr. and Mrs. George Scott.

ONLY ONE

The Record in Brainerd is a Unique One

If the reader has a "bad back" or any kidney ills and is looking for an effective kidney medicine, better depend on the remedy endorsed by people you know. Doan's Kidney Pills have given great satisfaction in such cases. Brainerd citizens testify to this. Here is a case of it:

Charles Ellison, 512 S. Quince St., Brainerd, says: "My kidneys were disordered for several years and seemed to be gradually getting worse. I was taken with such awful pains in my back that I had to go to bed. Medicine patched me up somewhat and I got out in a few weeks, but I continued to suffer severely. I finally used Doan's Kidney Pills, which I got at H. P. Dunn's Drug Store. A few boxes put me in good shape." (Statement given on September 1, 1908.)

OVER FIVE YEARS LATER Mr. Ellison said: "I can still recommend Doan's Kidney Pills. The relief they gave me has lasted."

Price 50c, at all dealers. Don't simply ask for a kidney remedy—get Doan's Kidney Pills—the same that Mr. Ellison had. Foster-Milburn Co. Props., Buffalo, N. Y.—Adv.

SUNDAY SCHOOL CONVENTION HELD

Many Brainerd Officers, Teachers and Workers in Attendance at County Convention

HELD AT CROSEY SEPT. 10TH

Old Officers are Re-elected—Program of the Addresses Given at All Day Session

The Crow Wing County Sunday School convention was held Sept. 10 in Crosby at the Presbyterian church, many Brainerd Sunday school teachers and workers being in attendance.

At the morning session there was devotional service led by Rev. Abbott of Crosby, "Sunday School Boards, What and Why" address by Albert Henry; Sunday school efficiency and how secured covered in three papers, "Organizing and Grading the School," by R. W. Bowden; "Training Its Officers and Teachers" by Miss Hannah Falconer of Brainerd; "Teaching the Word" by Mrs. Jean E. Hobart of Minneapolis. At 11 o'clock sectional conferences were held.

The elementary division, primary room, had this program: "Making a Successful Cradle Roll" and "Meeting the Needs of the Juniors," by Mrs. Jean E. Hobart. General conference led by Mrs. Jean E. Hobart.

The teen age and adult division met in the church auditorium and had this program: "What Constitutes an Organized Class," by S. T. Harrison. "Duties of Officers and Committees of Organized Classes," by Steve Bruenelle. "Plans for Organizing Every Teen Age and Adult Class in the County," by Dr. R. W. Bowden. General conference led by Dr. R. W. Bowden.

At the afternoon session devotional service was led by Rev. S. H. Swanson of Deerwood. A paper on "Training the Workers in Every School," was given by Mrs. Jean E. Hobart. "Place of the Sunday School in the Community," by E. W. Mathews. "Recruiting the Sunday School" by Dr. R. W. Bowden. At the business reports were read by Secretary Miss Louise Anderson of Brainerd, Treasurer G. A. Beale of Brainerd, the reports of the nominating committee followed and reports of the resolution committee. At the banquet for county superintendents H. F. Michael of Brainerd presided.

At the evening session there was a praise service, Bible reading and prayer by Rev. C. C. Adams, offering for county and state work and an address.

The officers elected were President Dr. Joseph Nicholson, Brainerd. Vice President Albert Henry, Crosby. Secretary Miss Louise Anderson, Brainerd. Treasurer G. A. Beale, Brainerd.

"The Willing Workers"

"The Willing Workers" Bible class of the Evangelical church of Northeast Brainerd met at the parsonage for their regular monthly business meeting on Tuesday evening.

Woman's Relief Corps

Members of the Woman's Relief Corps will meet at the Odd Fellow hall this evening. A luncheon will be served.

BRITISH FREE FIVE VESSELS

Three Danish and Two Norwegian Steamships Released.

London, Sept. 9.—Five steamships which were detained for examination of their cargoes by the British authorities have been released.

They are the Danish steamer London, from Philadelphia, Aug. 6, for Copenhagen; the Norwegian steamer Glitra, from Malmo, Sweden, for New Orleans; the Danish steamer Arnoldmaerk, from Baltimore, Aug. 6, for Copenhagen; the Danish steamer Arkansas, from New York, Aug. 17, for Copenhagen; the Norwegian steamship John Blumer, from Baltimore, Aug. 23, for Gothenburg.



SMART EVENING WRAP.

Smart evening wrap of sage green panne velvet. The metal embroidered garment is arranged in a way that lends a distinct waist line effect. The skirt part falls in full rippling folds. A picturesque collar of shirred velvet fits closely about the neck and flares at the top. The one color effect is relieved by a soft ruffle of gray georgette crepe.

SHOOTING SEASON AT RICE LAKE

Scores of Hunters of Deerwood, Bombardment Starts, 25 Boats Get Four Ducks

THE BLACKBERRY CROP SHORT

Mrs. O. P. Erickson Entertained the Ladies Aid—Deerwood People Visiting in Brainerd

Deerwood, Minn., Sept. 10.—Mr. and Mrs. Ed Bath, of Bay Lake, are the parents of a ten pound baby boy. Mother and child are at Sewall's hospital in Crosby.

The shooting season at Deerwood started with a terrific bombardment at Rice Lake near town where shooters camped about waiting for the season to open. Like the war in Europe tons of lead flew about and a few birds were laid low. A party of 25 boats got 4 ducks.

Guests of Mr. and Mrs. Frank Oberg are Mr. and Mrs. E. J. Akins, of Watertown.

Mrs. O. P. Erickson entertained the ladies aid society at her country home, friends from Deerwood, Crosby and Brainerd being in attendance.

Mr. and Mrs. J. K. Pearce, of Brainerd, motored to Deerwood.

J. E. Williams, of Superior, visited Mr. Rollins at his Park Point cottage.

Frank Oberg is at Minneapolis attending to business matters.

Mrs. William Maley and daughter, Miss Helen, were Brainerd visitors.

Gottfried Oberg, of Jamestown, N. Y., is visiting his cousin, County Commissioner John A. Oberg, Village Treasurer Gust Oberg, Frank Oberg and Charles Oberg.

A guest at the home of Rev. S. H. Swanson is Harold Gustafson of Altkin.

Miss Nellie Rudolph has been visiting her parents in Deerwood, returning to Crosby this week where she is employed as a telephone girl.

Mr. and Mrs. McCausland and party are at their cottage for the summer.

Miss Jessie Sutton and Miss Nettie Nelson, of Brainerd, are visiting Mr. and Mrs. Charles Nelson.

The intense heat has dried the blackberries and a few have been shipped.

All the drillers on the range, as a rule, laid off on Sept. 7 when the hunting season opened.

Mrs. E. A. Lamb has returned from a visit in Brainerd where she was the guest of Mrs. C. B. Rowley.

Mrs. T. F. Cole and her mother, Mrs. Mitchell, were guests of Mrs. R. A. Beale of Brainerd.

Mrs. J. B. Terry, of Brainerd, was in Deerwood looking over the millinery field.

Mr. and Mrs. J. H. Bland and son of Kansas City, Neb., are spending a few days at the Linden.

Rev. Eloy Carlson, of Brainerd, was a guest of his friend, Rev. S. H. Swanson.

Mrs. C. E. Skone and son Edward have been visiting relatives in Cushing, Wis.

WHERE TO WORSHIP

Norwegian-Danish Lutheran—No morning services. Evening services at the usual hour, 7:45 P. M. C. Hougstad, pastor.

Peoples Congregational church—Sunday school at 12 noon, evening service at 7:45. Subject, "Christ, the Supreme One." All are cordially invited.

Christian Science church—Services every Sunday at 10:45 A. M. in the Camel hall, third floor, Iron Exchange building. No evening services. All are welcome. Sunday school at 11:45 A. M.

St. Francis Catholic church—Services will be held at 8:30 and 10:30 A. M. Sunday school at 2 P. M. Vespers and benediction at 8 P. M. Mass is at St. Joseph's hospital. Rev. J. J. O'Mahoney, pastor.

Swedish Mission church—Rev. T. Clemens will preach next Sunday morning at 10:30 on the subject, "De Heligas Tolmod." Sunday school at 12. Communion services at 3:30 P. M. Young People meeting at 7 P. M. No evening services.

The Salvation Army, 416 Front street—Sunday services: Holiness meeting 11 A. M. Union meeting 3 P. M. Salvation meeting 8 P. M. Services during week Tuesday, Thursday and Saturday nights at 8 P. M. All are cordially invited to attend these services. Ensign Ada L. Taylor and Lieut. Nellie J. Hughes officers in charge.

Presbyterian church—Morning praise and worship at 10:30 o'clock. The pastor, W. J. Lowrie, will preach morning and evening. The morning theme will be "The Picture of Christ," by Isaiah. There will be special music. The evening theme will be "The Warning of Jonathan." This service is at 7:45. Christian Endeavor at 6:45. A cordial invitation is extended.

Evangelical church of Northeast Brainerd—Services for Sunday, Sept. 12 will be as follows: Sunday school meets at 9:45. Morning services at 11 A. M. Y. P. A. at 7 in the evening. Services at 7:45 P. M. Prayer meeting Thursday 8 P. M. Teachers meetings Wednesday, 7:30 P. M. Special music is provided for the morning service. Everybody is cordially welcome at one and all of these services.

Swedish Baptist church, corner of Oak and 10th streets—Morning worship at 10:30 with sermon by the pastor on the subject "The Family Altar." The Sunday school meets at 12 o'clock. The evening service begins at 7:45 and will be held entirely in English. This service will take the nature of a graduation of the Teacher Training class. There will be a special program. Mrs. Nels Johnson and Miss Anna Michaelson will sing. The pastor will give an address on "Training for Service."

One and all are cordially invited to attend all of these services. Alex B. Colvin, pastor.

First Baptist church—Morning worship at 11. On Sunday morning the pastor will begin a series of sermons on "The Book of Books." The following subjects will be taken up in order for three successive Sunday evenings: 1 "Where Did the Bible Come From?" 2 "Why I Believe the Bible is the Word of God." 3 "How to Study the Bible." Mrs. G. A. Beale will sing a solo "I Come to Thee" by George Graff, Jr. Evening service at 7:30. Miss Fern Hill will play a violin solo. The ordinance of baptism will be held at the close of the evening service. Bible school at 9:45 A. M. B. Y. P. U. at 6:30 P. M. A cordial invitation is extended to all. Rev. R. E. Cody, pastor.

St. Paul's Episcopal church—10 A. M. Sunday school. 11 A. M. morning prayer and sermon, subject, "Lessons From the Boyhood Days of Jesus." The quest of God is latent in every soul, but we know not where to find Him. Jesus learned to walk in trustful companionship with God when a boy. He will show us the way. Come and learn. 7:30 P. M. evening prayer and sermon, subject, "The Passing and Permanent." Life is kaleidoscope. There is end to everything. The alterations of value are wonderful. The life we want eludes. Is there something permanent? Where can we find it? We welcome all strangers to our services. Members should attend. Forget not the assembling of yourselves together.

Methodist Episcopal—Morning service 10:30 A. M., subject, "Religion and Education." The religious element is fundamental in human nature; it needs to be cultivated. Does modern education sufficiently recognize the truth? Religion and public education—these are themes of more than passing interest to the educationalist and to the public. Come and hear this vital theme discussed. Bible school 12 M., subject, "Elijah's Flight and Return," 1 Kings 18. A

Weak Heart

Many people suffer from weak hearts. They may experience shortness of breath on exertion, pain over the heart, or dizzy feelings, oppressed breathing after meals or their eyes become blurred, the heart is not sufficiently strong to pump blood to the extremities, and they have cold hands and feet, or poor appetite because of weakened blood supply to the stomach. A heart tonic and alterative should be taken which has no bad after-effect. Such is

Dr. Pierce's Golden Medical Discovery

which contains no dangerous narcotics or alcohol.

It helps the human system in the constant manufacture of rich, red blood. It helps the stomach to assimilate or take up the proper elements from the food, thereby helping digestion and curing dyspepsia, heart-burn and many uncomfortable symptoms, stops excessive tissue waste in convalescence from fevers; for the run-down, anemic, thin-blooded people, the "Discovery" is refreshing and vitalizing.

In liquid or tablet form at most drug stores or send 50 one-cent stamps for trial box to Dr. Pierce's Invalids' Hotel, Buffalo, N. Y.

Read Chapter VII on Circulatory Organs in the "Medical Adviser"—A French cloth-bound book of 1008 pages sent on receipt of 31 one-cent stamps, address as above.

Crow Wing County Lands For Sale To Actual Settlers Only

We are just putting on the market 8000 acres of Rail Road Lands to be sold to actual settlers at prices and terms formerly adhered to by the Rail Road Company. These lands are in Bay Lake, Garrison, Platte Lake and Daggett Brook Townships, the best agricultural district in Northern Minnesota, these are the only lands that have been put on the market by the Rail Road Company for the past ten years and is absolutely the last chance to buy lands without mineral reservation in this part of Minn. None but actual settlers need apply.

For Description, Prices and Terms apply to

J. M. ELDER
Brainerd :: Minnesota

HORLICK'S

THE ORIGINAL

MALTED MILK

THE FOOD-DRINK FOR ALL AGES

TAKE A PACKAGE HOME

NO SUBSTITUTE IS "JUST AS GOOD"

special program during the opening exercises. Epworth League at 7:00 P. M. Evening service at 8 P. M. "The Church in Our Generation." Prayer service and Bible study on Thursday at 8 P. M., subject, Ephesians 5:15 ff. A special meeting of an official board follows. C. H. S. Koch, pastor.

First Congregational—The services at the First Congregational church will be held on Sunday at the usual hours; special music will be held on Sunday at the usual hours; special music will be rendered at the morning service. The vested choir will lead the music at the evening service. Rev. G. P. Sheridan will preach on the following themes, in the morning "Life's Necessary Retirement," in the evening, "Reeds and Wicks." The evening sermon is the first of two sermons. The other will be given next Sunday evening the theme being "Raising the Dead." The time of services is as follows: preaching services 10:30 and 7:30. Bible school 11:45. Young Peoples meeting at 6:45. You are invited to worship with us. Rev. G. Phil Sheridan, minister.

Tired, Aching Muscles Relieved

Hard work, over-exertion, mean, stiff, sore muscles, Sloan's Liniment lightly applied, a little quiet, and your soreness disappears like magic. "Nothing ever helped like your Sloan's Liniment. I can never thank you enough," writes one grateful user. Stomach suffering, aches and pains. An excellent counter-irritant, all deeper and cleaner than mustard. All druggists, 25c. Get a bottle today. Penetrates without rubbing. Your druggist—Adv.

At the Grand

The World Film Corporation presents Robert Warwick in the 5-part photoplay, "The Man Who Found Himself," based upon George Broadhurst's successful drama, "The Mills of the Gods," also called at the time of its production, a few years ago, "The Coward."

The story is as follows:

James Clarke, young cashier, robs

his employers in order to provide medical attention for his sick sister. She dies and a fellow employee of Clarke discovers his theft and blackmails him. Both are found out, prosecuted and sent to jail.

By a series of chances James Clarke escapes from jail, gets a job, is earning an honest living and has won the love of a girl whose life he saved.

Payton, his fellow thief, after serving his full sentence, discovers Clarke and once more blackmails him, attacking the happiness of his fiancée and her brother, and taunting Clarke with cowardice.

From this terrible situation Clarke escapes by voluntarily returning to jail to serve the remainder of his sentence.

He has "found" himself. He knows that when he finally leaves the jail, Catherine, who has promised to be his wife, will be waiting to help him start life afresh.

Farmer's Produce Co.

In New Location
Inspection Invited
622 Laurel St., Brainerd, Minn.

For \$170

CASH and \$330

In 3 years at six per cent

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SATURDAY, SEPTEMBER 11, 1915.

Pronounce it Dumb-a, with the accent on the Dumb.

The Deerwood Enterprise has changed hands, its progress now being directed by A. J. Crone, formerly of the Vivian, S. D., Wave.

Sam Iverson has announced his candidacy for the republican nomination of governor at the coming election, and Granville Pease has placed C. P. Craig, the Duluth gentleman who was at the head of the efficiency and economy commission, in the field. "Efficiency and economy" should make some long strides, as that seems to be the slogan that each candidate will adopt as he comes into the gubernatorial game.

This is the month of fairs, when the product of the country is on exhibition and the farmer takes pride in exhibiting the results of his labor. All through the northwest, and especially Minnesota, the results are exceedingly gratifying, the northern part of the state having shown by the exhibit at the state fair which closes at Hamline today that is a garden spot and that great results along agricultural lines are possible in this part of the universe. Now comes the local exhibits and the people of the counties should show by their attendance and patronage at the county fairs that they are interested in the welfare of the agricultural communities and that the great success of the business world is dependent to a large extent on the success of the farmer. Brainerd has three county exhibits adjacent to her door, that of Aitkin county which will be before the public on Sept. 13, 14 and 15, Cass county Sept. 15, 16 and 17, and our own county fair at Pequot on September 22, 23 and 24. The people of Brainerd should be especially interested in their county exhibit and should make Brainerd day at Pequot on Sept. 23 the banner day of the fair.

THE ATTACK ON
HEART OF LONDON

By William G. Shepherd
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The following story is the first of personal experience related from the attack on the heart of London:

London, Sept. 11.—Above the dim orchestra there sweeps a cavernous bass boom. "Zeppelins," whispers a pretty girl sitting next to a Scotch officer. "No," he whispers, "it's a door banging," but he's lying and he knows it. "Zeppelins, Zeppelins," is the whisper that runs through the crowd. If you knew what was happening outside, you wouldn't wait for the last act. You go out, the curtain goes down, and as you file out into the crowded street, traffic is at a standstill. Millions of quick cries make a sudden roar, and thousands stand gazing into the skies. The long gaunt Zeppelin floats from the stars, the color of the harvest moon, and its crest booming sounds which shake the city. They are Zeppelin bombs, falling, killing, burning, the lesser noises bring the shooting nearer at hand. "For God's sake don't do that," one man tells another who lit a match to light a cigarette. "That red light over there may be our houses burning," said a woman clutching the man's coat. "There are a million houses in London, why ours particularly," he answers. The Germans failed to terrify this city, however.

PHYSICIAN AWAITS DEATH

Denver Man Studies Ebb and Flow of Life's Chances.

Denver, Sept. 11.—With the days and almost the hours of life remaining to him calculated with scientific accuracy, Dr. W. W. Kenney is resting easily, calmly studying the symptoms which to his trained mind showed the ebb and flow of his slight chance of life.

Eminent specialists carefully compared their observations with those of the physician-patient and gravely discussed with him the scientific questions connected with his case.

Dr. Kenney took a hypodermic injection of what he thought was a sleeping potion. Instead he used a slow, deadly poison, which ordinarily kills its victims in a few days through its actions on the kidneys.

DEFENSE COUNCIL
WOULD BE USELESS

Military and Naval Men Oppose
Creation of Board.

COMMISSIONS ARE NO GOOD

"Board" Is the Proper Name Because "They Are Long, Narrow and Eternally Wooden," Says an Army Officer. Daniels Against the Plan and Gives Excellent Reasons.

By ARTHUR W. DUNN.

Washington, Sept. 11.—[Special.]—There will be no council of national defense if the advice of many military and naval men prevails. The idea of such a council is to have it composed of the president, the secretaries of war and the navy, the chairmen of the military and naval committees of congress and also the chairmen of the committees dealing with finances and appropriations. It is supposed that all these important officials can come together and agree on a plan of defense.

Such a combination would fall of its own weight. Years ago the senate found itself spending too much money and created a committee to economize. It was composed of all the chairmen of committees handling appropriations and a number of other important senators. I don't think it ever held a meeting. It fell, just as a council of defense would fall.

Description of a Board.

Councils, commissions, boards, investigation committees, etc., have wasted time or postponed action before, and that is what a council of defense would do. Boards generally hold long sessions, take a long time to report and are seldom of any account. Once an army officer thus described a board: "Boards are properly named," he said; "they are long, narrow and eternally wooden."

Opposition of Daniels.

Legislation for the creation of a national defense board would meet with the opposition of Secretary Daniels. He stated his reasons before the naval committee in the last session. "It is best not to mix the executive and legislative branches," he said. "It is for us to recommend and for you to legislate." Not long since in discussing the subject he said: "Why, those congressmen would not come here before the assembling of congress and give months or even weeks to going over the needs of the country in a military way. Much as I like the chairmen of the various committees of congress, I would not like to have them mixing up with the affairs of my department while I was trying to arrive at what was best for the navy."

Representatives Beat Governors.

Usually the numbers of ex-representatives and governors in the senate are about equal, but in the Sixty-fourth congress the representatives are away ahead. There are thirty-eight senators who have had service in the house and only ten who have been governors of their states. It is an interesting fact that many of the senators promoted from the house have had service on the ways and means committee. That is true in every term. Eleven senators were on the ways and means committee in the house.

A Vigorous Fighter.

Augustus O. Stanley, who has been nominated for governor by the Democrats of Kentucky, gained the reputation in the house as a vigorous fighter. He did not care a penny who was his opponent. He went right after him with a gift of language that was overwhelming. Stanley is a persistent man. Defeated for the senate last year, he comes right back for governor this year. Vigor and persistence make a mighty good combination in politics.

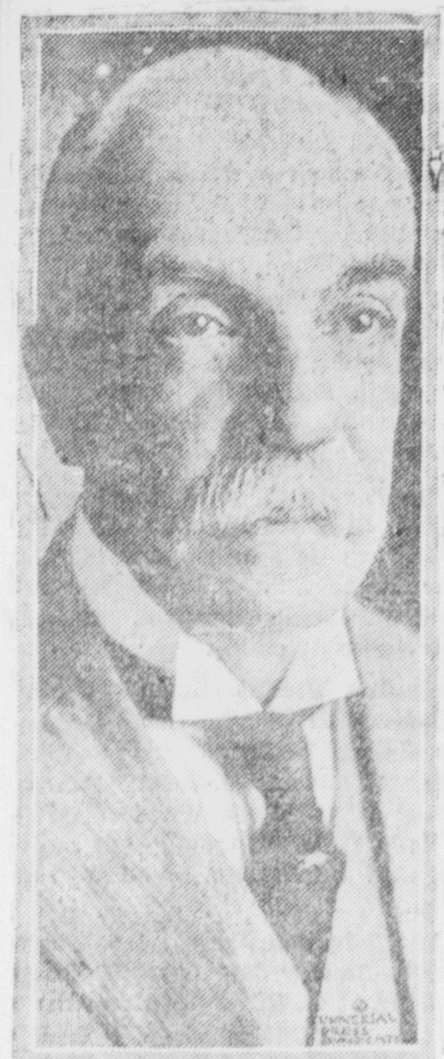
Joe Fordney at the Top.

By reason of defeat and death, promotion and retirement Joe Fordney of Michigan has finally landed at the top of the Republican membership of the ways and means committee. If the Republicans should win congress next year Jim Mann, or whoever is speaker, would have a nice time with the ways and means chairmanship. Joe is vigorous enough for the place, but, oh, my, his protective ideas! Pigeon Kelley would double discount Pigeon Kelley. He goes farther than former Senator Scott of West Virginia, or any other man in congress. Fordney says right out that he would make duties so high that goods couldn't get in, except by paying more than they were worth, and then he would add a little in order to make sure they stayed out.

His Old Theme.

Jonathan Bourne, former senator from Oregon, who would rather be doing something in governmental affairs even if he is not paid for it than to be idle, is still harping upon his old theme. He says that the power of an executive over congress should be limited, and the only way that can be done is by taking federal patronage away from the president. "As long as an executive has the power to make federal appointments in a state or district," asserts Bourne, "he will be able to control the senators from that state and district."

That is so true that it goes without question. But the real problem is, how is federal patronage to be taken away from a president? No one has figured out how that great reform is to be accomplished.

Admits He'd Foment
Strike for Germany

Dr. Konstantin T. Dumba

Dr. Konstantin T. Dumba, Austrian ambassador to the United States, has virtually admitted the charge that he would try to close munitions plants in the United States, and the next move in connection with him may be a demand by President Wilson that the Austrian government recall him.

A document to the Austrian premier was found on one Archibald, an alleged newspaperman in London. He was carrying it to Vienna. In it Dr. Dumba said that with sufficient money he could close many plants now shipping munitions to the allies. The ambassador has explained since that he merely meant he could induce native Austrians and Hungs to quit these plants.

WANT TO BORROW BILLION

Anglo-French Commission Arrives at New York.

New York, Sept. 11.—The Anglo-French commission, seeking a way to meet the huge bills of Great Britain and France for American munitions and other supplies, reached New York, was welcomed by J. P. Morgan and met approximately 100 prominent bankers, insurance heads and leaders in other lines of finance at a reception in Mr. Morgan's library.

Actual negotiations as to the credit they hope to establish here were not begun and will not be for several days. During this period the commission expects to meet many other bankers and exporters and to become familiar with the situation. With these preliminaries disposed of the commission will start on the actual details of the proposed loan.

Five hundred million dollars is the smallest sum which the commission hopes to borrow. They would much rather have a round billion.

British Execute Spy.

London, Sept. 11.—Official announcement has been made that a spy was executed here. The name of the person executed has not been given.

QUAKE RUINS LATIN CAPITAL

Jutiapa in Guatemala Razed by Strong Shock.

La Libertad, Salvador, Sept. 8.—A strong earthquake has occurred in San Salvador and Guatemala. Jutiapa, capital of the department of the same name in Guatemala, has been ruined.

In the city of San Salvador no victims have been reported. In Santa Ana there were a few casualties. The churches in Santa Ana, Sonzonate and other villages of the republic are in ruins.

ENVOY DECLINES TO TALK

Dr. Dumba Receives Copy of Note Sent to Vienna.

New York, Sept. 10.—Dr. Konstantin T. Dumba, the Austro-Hungarian ambassador, dined with Count von Bernstorff, the German ambassador, at the latter's hotel. Both denied themselves to callers. Dr. Dumba, it was learned, received a copy of the note sent to Ambassador Penfield requesting that the Austro-Hungarian ambassador be recalled, but he declined to comment on it.

A Good Household Salve

Ordinary ailments and injuries are not of themselves serious, but infection or low vitality may make them dangerous. Don't neglect a cut, sore, bruise or hurt because it's small. Blood poison has resulted from a pin-prick or scratch. For all such ailments Bucklen's Arnica salve is excellent. It protects and heals the hurt; is antiseptic, kills infection and prevents dangerous complications. Good for all Skin Blemishes, Pimple, Salt Rheum, Eczema. Get an original 2-ounce 25c box from your druggist.—Adv. tts

MUST REARRANGE
ALL COMMITTEES

Leaders Making Slates For the
Next Session of Congress.

CAUCUS TO SELECT THE MEN

Ways and Means Committee, However, Will Have Big Influence—Merchant Marine Men Will Have Their Hands Full and Fate of Ship Purchase Bill May Depend on Them.

By ARTHUR W. DUNN.

Washington, Sept. 11.—[Special.]—Claude Kitchin and his fellow members of the ways and means committee have been considering the rearrangement of the committees for the house in the coming congress. The fourteen members of the committee who were named by the Democratic caucus will all have something to say, much more than they did when Underwood was chairman, for in his time he was the whole thing on the committee.

State delegations will also have something to say about the selection of men to take the place of those who have been retired in their respective states. Seniority counts for as much in the house now as it does in the senate. A man who has a place on a committee will not be disturbed, and older members will receive recognition before new members. This simplifies matters somewhat for Kitchin and the others, but there are some problems which they must face.

President's Shipping Bill.

The committee on merchant marine handles such bills as the ship purchase bill, a favorite measure of the president, one he is apt to push during the coming session. There are five Democratic vacancies on that committee, and the filling of these places may have an important bearing on the ship purchase bill. Kitchin is opposed to the bill, and he may desire to fix the committee so that the measure will be hindered. As there will not be a great demand for places on this committee, it could be made more antagonistic to the bill than it was during the last session.

Rural Credits Important.

Six Democratic vacancies on the banking and currency committee must be filled. Ordinarily there is never much of a scramble for positions on this committee, but in view of the possibility of rural credit legislation membership on this committee will be sought after by those most anxious to put through some kind of a measure. The house lost its opportunity in the last congress and really showed that it was for rural credits only in talk, for it might have adopted the McCumber amendment to the agricultural appropriation bill and fastened rural credit securely on a supply measure. The six additional members of the committee in the coming session will have an important influence on rural credits.

One Ex-Cabinet Senator.

Hoke Smith is the only ex-cabinet member in congress. It often happens that former members of the cabinet go to the senate, but they do not often become members of the house. Elihu Root, with the exception of Hoke Smith, was the only ex-cabinet member in the last congress.

As Dr. Wiley Sees It.

Dr. Harvey W. Wiley, who made a long and losing fight to have the government enforce the pure food law in regard to pure whiskey and beer, is for temperance generally and prohibition as a policy of national welfare. Dr. Wiley thinks that the agitation against liquor, the action of foreign countries in regard to prohibition and the general tendency of the times will bring about prohibition. He goes further and says that many manufacturers of liquor have begun to question themselves about their business and inquire whether it is wholly legitimate. He thinks this attitude will have a tendency to close down many liquor manufacturing establishments.

The Old Constitution.

"The constitution is the greatest document ever written," said Senator Hoke Smith, "and I do not want to see it changed. I doubt whether late changes have been beneficial."

No doubt the Georgia senator alluded particularly to those amendments adopted after the civil war which established negro voting rights. "As to the election of senators," he said, "the primaries had virtually established the system of choice by the people, and I do not suppose it will make much difference in the selection of men for the senate."

He was right about that. Only great national issues or a crisis in national affairs brings out the biggest and best men for the senate. The senate and house had both begun to deteriorate long before the election of senators by direct vote.

The Income Tax.

In saying that he doubted whether recent amendments to the constitution had been beneficial Senator Smith did not mention the one permitting an income tax levy. No doubt the Georgia senator had in mind that the supreme court would no doubt have reversed itself if an opportunity had been afforded. The court had occasion to note the unpopularity of its decision on the income tax of the Wilson law.

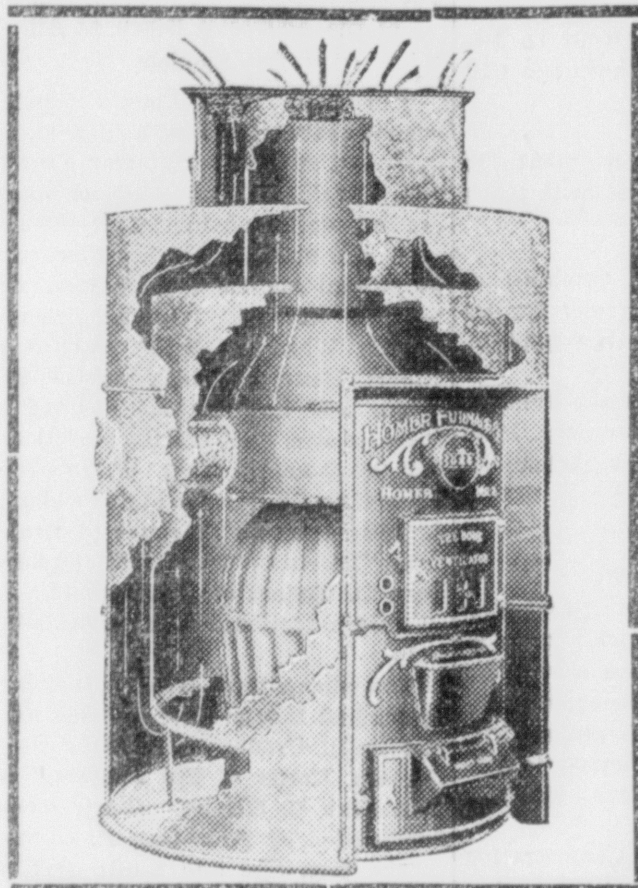
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Brainerd, Minn., September 1st, 1915.

GENTLEMEN,—

The Homer Ventilator Furnace;—Yes, we sell it; put it on free trial.

The Homer Ventilator Furnace is the only Furnace which may be set in the vegetable cellar and still retain the cold storage which is absolutely necessary, especially for the farmer, stores, school houses, churches, and from an economical standpoint, for everyone.

The Homer Ventilator delivers ALL the heat, then NATURE takes care of it and distributes it to all parts of the house.

The Homer Ventilator Furnace lets the cold air drop Straight down and puts the HOT AIR Straight Up, which is natural way for hot and cold air to move.

Two men will install a Homer Ventilator for you in a day and have it fired.

We cut but one hole in the floor for the register; no muss; no tearing of walls for hot air pipes, [or fire traps]; in fact, no more muss than would be in setting up a stove pipe.

The first cost is the last; when you are quoted a price on a Homer Ventilator, it means for the furnace installed, except the smoke pipe, which is usually a small item. There will be no "AFTERPIECE" such as hot air pipes, registers, etc.

The cold Air Compartment between the Hot Air Register and your floor, makes danger, from an overheated furnace a thing of the past and something to be forgotten.

By this unique invention we save from one-fourth to one-half the fuel used by any other furnace or heating device.

Our system of circulation and ventilation carries the hot air to the farthest corner of the house, and draws the cold air from the same corner through the door openings, to the cold air register.

The rooms upstairs are perfectly warmed by placing ceiling registers wherever needed. If you have an open stairway, these registers are seldom necessary.

The furnace is set in the basement in the ordinary manner, but instead of the usual multiplication of hot air pipes and cold air returns, only one opening is made in the floor above.

We will put this furnace in your home without a cent of cost to you, and we guarantee to heat from a six to ten-room house, one or two story, in 20 below zero weather, at not less than 70 degrees, and if it don't do as we say, we will remove it free of all charges to you.

If it does the work you pay us \$150.00 by December 15th next.

We have one on display. Come in and convince yourself.

Yours very truly,

D. M. CLARK & CO.

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The Repair Directory Appears Every Saturday in Daily and Every Friday in Weekly. Ads \$1.00 a month.

Advertise in The Dispatch

YOUNG GIRL IS MOLESTED

Chased by a Young Man Wearing a Grey Suit, Men are on the Watch for Him Now

SAME INCIDENT AT A PARK
Young Girl Seized by a Man at South Sixth Street Playgrounds and Her Cries Brought Help

Some fiend in the shape of a young man, with light complexion and wearing a grey suit of clothes is due for a supreme beating at the hands of enraged citizens if caught and that will soon occur as he is being watched on the north and south sides.

On two occasions a girl of twelve has been molested on the road leading to the pumphouse. Last evening at the twilight hour the little girl passed along the road and heard some moaning in the woods. She stopped and in a moment the man sprang from the brush and woods. The girl shrieked and ran and managed to elude him.

The south side reports a case similar. A young girl at the South Sixth street playgrounds was loitering there alone and was seized by a man. Her cries were heard by neighbors who ran to the grounds and the man escaped in the darkness.

In both these cases citizens have been enlisted in a watch for the miscreants and every effort will be made to capture them.

DEATH OF JAMES McCABE

Former Pioneer of Brainerd Dies at His Home in Staples After Two Year's Illness

James McCabe, aged 58, died at 2:30 this morning at his home in Staples where he had been sick two years. Cancer of the stomach was the cause of his demise.

Mr. McCabe, given the nickname of "Farmer" McCabe, was one of the early pioneers of Brainerd. He was in business here for thirty years. From Brainerd he went to Walker and later settled in Staples where he had been located about ten years.

He leaves a widow and a boy recently adopted. His brothers are P. E. McCabe of Brainerd and Michael McCabe of Greylock, Mass. His sisters are Mrs. Nellie Cadron of North Adams, Mass., Mrs. Alice Barry of Ada and Mrs. Celia Brockway of St. Paul. He was a member of the Catholic church. His lodge affiliations included membership in the Eagles of Staples and the Hibernians of Brainerd.

Arrangements have just been completed in regard to the funeral. Services will be held in Staples on Monday morning. The remains will arrive in Brainerd on the 2:30 afternoon train. Members of the Hibernians and Eagles will meet the body at the train acting as escorts. There will be short services held.

POSTGRADUATE WORK

Dr. F. A. Bennett Will Take a Six Months Course in Eye, Ear, Nose and Throat Work

Dr. F. A. Bennett will take a six months' course in eye, ear, nose and throat work in Philadelphia and New York and will be accompanied by his wife, locating later in some city in the east.

Dr. Bennett has practiced some four years in Brainerd and built up a good practice. His early training was received as an interne in the Northern Pacific railway sanatorium in this city.

The many friends of Dr. and Mrs. Bennett regret to see them leave Brainerd and hope that prosperity and success in large measure will be theirs in their new location.

CAUSE OF THE WAR

Observer Said it Can be Ascertained by Combining First Letters of Various Countries

The cause of the European war, said an observer, can be found by combining the first letters of each of the countries involved and producing a word, as follows:

Germany
Russia
Austria
Belgium

France
England
Serbia
Turkey.

Another puzzle is produced by taking the German names of the Teutonic powers, producing the German word "Tod," meaning death, of course to all opposition. The words work like this:

Turkei
Oesterreich
Deutschland

SAW SUBMARINE SERVICE ON COAST

Lieut. Wallace Lind, Former Brainerd Boy, Recounts His Experiences With Undersea Craft

WILL STUDY AT ANNAPOLIS
Lieutenant Will Also Take Year Special Course in Marine Engineering at Columbia University

Lieutenant Wallace Lind and wife of Long Beach, Cal., are visiting his parents, Mr. and Mrs. J. A. Lind, of 411 Farrar street. Lieutenant Lind entered the Annapolis academy in 1905 and graduated in 1909. He has seen service on armored cruisers and submarines on the Pacific coast and leaves now for New York where later he will enter the academy to specialize in marine engineering, taking a one year course at Annapolis and one at Columbia university.

Men in the submarine service of the United States get added pay and also a bonus for the number of dives the submarine takes. A crew is composed of 21 men and two or three officers.

Four submarines of the Pacific coast will this month leave for Honolulu on their own steam and accompanied by cruisers. The distance is 2100 miles. It is the first long cruise this group has undertaken. Using both engines they can travel 14 knots. With one engine they can make about 9½ knots. Oil is used for fuel which the navy buys cheaply at 2 or 3 cents a gallon.

On the coast Lieutenant Lind saw considerable service on the Cheyenne, tender for submarines there. He spent one and a half years with the H. group, Nos. 1, 2 and 3, stationed along the Pacific coast near Long Beach. Last summer they cruised from Long Beach to Bremerton, Wash., a distance of 900 miles in open water, encountering much bad weather and it was no picnic, as a submarine rolls and pitches in a storm.

Lieutenant Lind has cruised on the armored cruiser California and has visited the Hawaiian Islands, the Philippines, Admiralty Islands, China, Japan, Chile. He has also seen service on the U. S. Gunboat Vicksburg.

Lieutenant and Mrs. Lind leave Brainerd next Tuesday.

ESDON ETCHINGS

John Hammett is running the Wafensmith threshing machine this fall. They are at Bay Lake now.

Oscar Hammett is with his cousin John on the threshing rig this fall. Arthur and Will Maghan had a sale of all their things last week at Arthur Maghan's. They will leave for Montana this week where they expect to find farms.

Deloss Hammett, of Belfry, Mont., wife and little son, made a visit at his mother's. They left last Monday for St. Paul for a short visit before returning home.

School began this morning with Miss Frances Miller as teacher.

Marie Hammett is home from Bay Lake.

Will Flint and his new wife and son are getting nicely settled in their home.

Jim Coffield and family spent last Sunday at Mrs. J. L. Hammett's.

Esther Novotny has been helping a Bay Lake again.

Ed Phillips had the misfortune to burn up seven acres of oats and five acres of wheat and damage his machine a good deal when he was threshing at the Twin Oaks farm last week.

Esther Novotny has been staying at Bay Lake lately.

An Interesting Event at Barrows

The congregation and friends of the Methodist church in Barrows spent a very pleasant evening at the church last evening. The pastor, C. H. S. Koch, gave a talk on India illustrated with lantern slides. Friends from Brainerd were present, having motored down. Among them were Mrs. Skauge and Otis Skauge, Mrs. Russell, Dr. and Mrs. E. E. Long, Mr. and Mrs. Geo. Lowe and Arthur Lyndon. Dr. Long delighted the audience with two solos. After the address the ladies served cake and hot coffee, which were much appreciated on a cold night.

Card of Thanks

We desire to express our thanks for the kindness shown and the beautiful floral offerings during our late bereavement.

Mrs. Wm. Zander
and Family.

Card of Thanks

We wish to thank our friends and neighbors for kindness and sympathy shown us in our recent bereavement when my husband passed to his reward.

MRS. H. D. DAVIS.

DEVELOPMENTS OF WEEK ON RANGE

Shaft Sinking is Being Accomplished Very Satisfactorily under the Rowley Patent at Barrows

IS A TWO-COMPARTMENT SHAFT
Brainerd-Cuyuna Mine in City of Brainerd is to Install Additional Electric Pump

Shaft sinking is being accomplished very satisfactorily under the Rowley patent at the Barrows mine, property of the Barrows Mining Company. Since the actual sinking of the shaft on August 23, and up to this writing, it is down 26 feet and 6 inches.

This shaft is of concrete with reinforced steel rods, thus making it one of the most substantial shafts on the range. It has two compartments for hoisting ore and one compartment for pipe line and ladder.

The Brainerd-Cuyuna mine in the city limits of Brainerd is about to install a second electric pump. The first has given eminent satisfaction. The great heavy flow of water encountered has moderated and today is handled with ease. Mining goes on with ever increasing vigor and the stock pile is assuming large proportions.

William A. Rose, chief engineer of Pickands-Mather & Co., which has several large mines in the Lake Superior district, visited and inspected the Brainerd-Cuyuna mine. President F. A. Farrar accompanied Mr. Rose to the mine.

It is reported that the Cuyuna-Duluth mine, or the Ironton mine as it is also called, will soon resume operations. The Cuyuna-Mille Laes has contracts on hand for much manganese ore.

Indications point to a rising iron ore market in the not far distant future and it is reported that a contract for 70,000 tons has been placed at quite an advance in price. A big tonnage will undoubtedly be mined on the Cuyuna range next year. The figures this season will run from 1,250,000 to 1,500,000 tons.

The Lake Superior Mining Institute visit to the Cuyuna range brought 200 or more noted mining men and engineers from all parts of the country. They visited the mines studied conditions and heard papers read on the range, all of which gave much publicity to the accomplishments and possibilities of the range. Those having special application to the range will be published at intervals by the Brainerd Dispatch. The first of these by Carl Zapffe of Brainerd has been most favorably commented on.

The Iron Mountain mine is increasing its shipments of manganese ore. In the drifting work at the mine advancement into the lease has proven the existence of a better grade of manganese ore than the drill explorations had disclosed. Recent samples, it is said, have assayed as high as 28 to 30 per cent manganese.

The U. S. Bureau of Mines rescue car will stay six weeks on the range and visit all the mines, giving instruction in first aid to injured and teaching the men in squads. This week has seen more accidents, three fatal and two not serious, than at any other period in the history of the range. Two were killed at shafts and one in a pit, two were injured at a shaft.

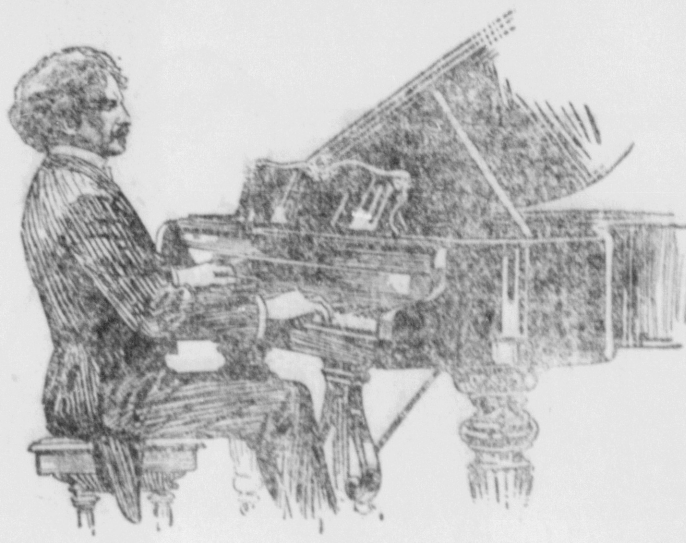
Through the efforts of C. A. Stillman, president and general manager of the Rogers, Brown Ore Co., mining companies of the range are to unite in a plan to engage a trained visiting nurse for the district embracing Crosby, Ironton, Cuyuna and probably Riverton too.

On Monday the Adair Development Co. starts work on its new mine in section 22, township 45, range 20. A lath shaft will be sunk. The surface is about 100 feet. The shaft will be placed in the hollow near the Christensen farm. There is a large corn field on the hill near by. The mine will be situated about four miles east of Brainerd a short distance north of the Oak street road and at a point about two miles west of the Wilcox mine.

In speaking of the Buckman property near the former Barrows mine of the M. A. Hanna Co. miners say the ground is ideal for sinking. Drill is heavy clay and little sand. Drill reports from the ninth hole show ore in ever increasing quantities. The Duluth Diamond Drilling Co. is doing the exploration work.

The south range is every day gaining more favorable mention. The ore is clean and there will be no need of concentrating plants, no washing of ores.

So staid and conservative a mining journal as the Iron Trade Review has an article on "War Upsets the Manganese Ore Industry" and this significant paragraph, "The most



Victor Supremacy

What makes the piano in Paderewski's home sound more beautiful than the same piano in any other home? Paderewski's wonderful art.

What makes a Stradivarius in the hands of masters like Kreisler, Elman, Kubelik and Zimbalist sound as though it were some divinely inspired living thing? The art of these greatest masters.

What makes the songs and arias of the great composers so incomparably beautiful? The art of Caruso, Amato, Destinn, Farrar, Gluck, Hempel, Homer, McCormack, Melba, Ruffo, Schumann-Heink, Tetrazzini and all the other great singers who have devoted their lives to the study and interpretation of these works.

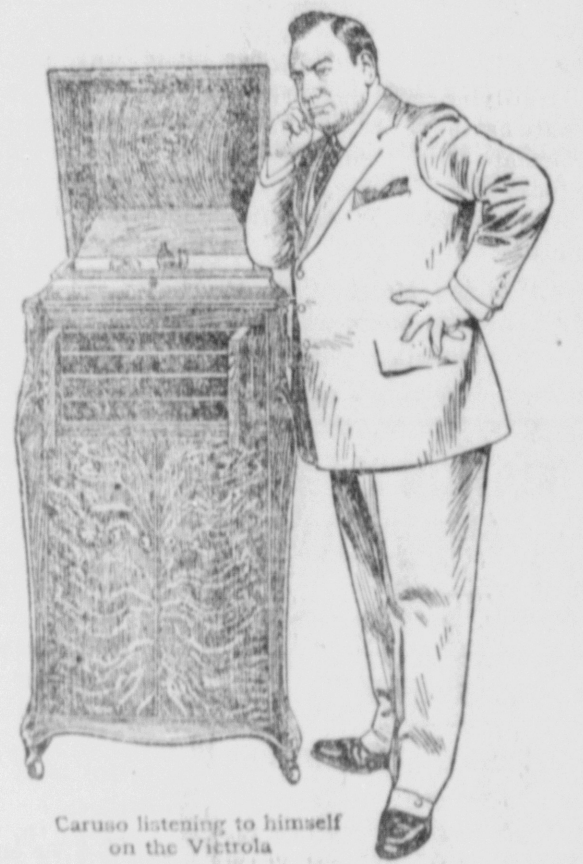
Then why should any one attempt to distort this beautiful music by using some foolish accessory "recommended" by manufacturers jealous of the supremacy of the Victrola and Victor Records?

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"The Man Who Found Himself"

Today Only---The Treat of the Season

5--Massive Reels--5

SPECIAL! SPECIAL! SPECIAL!

NAT GOODWIN in

"THE MASTER HAND"

5 REELS

SUNDAY ONLY SUNDAY ONLY

Important reason why the ores from India, Russia and Brazil have so largely displaced domestic ores, in spite of the great distances that they are transported, lies in the character of the deposits. With very few exceptions such as the ore lenses of the Cuyuna range, Crow Wing county, Minnesota, which locally yield ore of good grade, without treatment, most of the known manganese ore deposits of the United States yield material that must be washed or concentrated in order to produce a marketable product.

"The possibility, therefore, of developing under normal conditions large supplies of manganese ores in the United States that can compete with the foreign product appears to lie in the discovery of deposits containing ore not requiring washing or concentration."

"A relatively small amount of development has thus far been done on the lenses of the Cuyuna range, and although most of the ores contain less than 15 per cent of manganese, further exploitation may prove the existence of masses of richer ore." These statements are taken from the interesting details of the abnormal situation now prevailing in the manganese ore industry as mentioned in a bulletin issued by the United States Geological Survey.

NOKAY LAKE

Mrs. R. E. Dickinson is visiting at J. H. Dickinson's.

Mr. and Mrs. Colbert Cannon are spending a few days at C. F. Cooley's.

Miss Mabel Tollefson succeeds Miss Hilda Peterson as chief cook at Twin Oaks. Miss Peterson has returned to Chicago.

Misses Grace Petrie and Edna Edwards called at the Pointon home recently.

Mrs. Elmer Tollefson called on her mother last Wednesday.

Ida Petrie is helping Mrs. T. J. Pointon for a few days.

Mrs. Chas. Randall is at home again for an indefinite time.

Mrs. Nelson Ward who has been seriously ill, is slowly recovering.

Charles Perry left Monday night for his home in St. Paul, after a pleasant visit with friends in this vicinity.

Mr. and Mrs. E. A. Spohn called at Edward's Sunday.

Miss Frances Pointon and the Messrs. Will, George and Thomas Pe-

trie and Howard Edwards left last Wednesday for Minnewaukon, N. D.

There has been some talk of a "Gossip Club" where the ladies who are interested in that line may have an opportunity to get together and enjoy themselves without annoying people not interested. Let's boost it girls!

Ellen Edwards and Chas. Perry called at F. C. Pointon's Monday.

UNINTERESTED.

Pruning the Grape.
In pruning the grape cut back to the third bud, as it is usually the first entirely perfect bud produced.

WHICH SIDE OF THE SCREEN

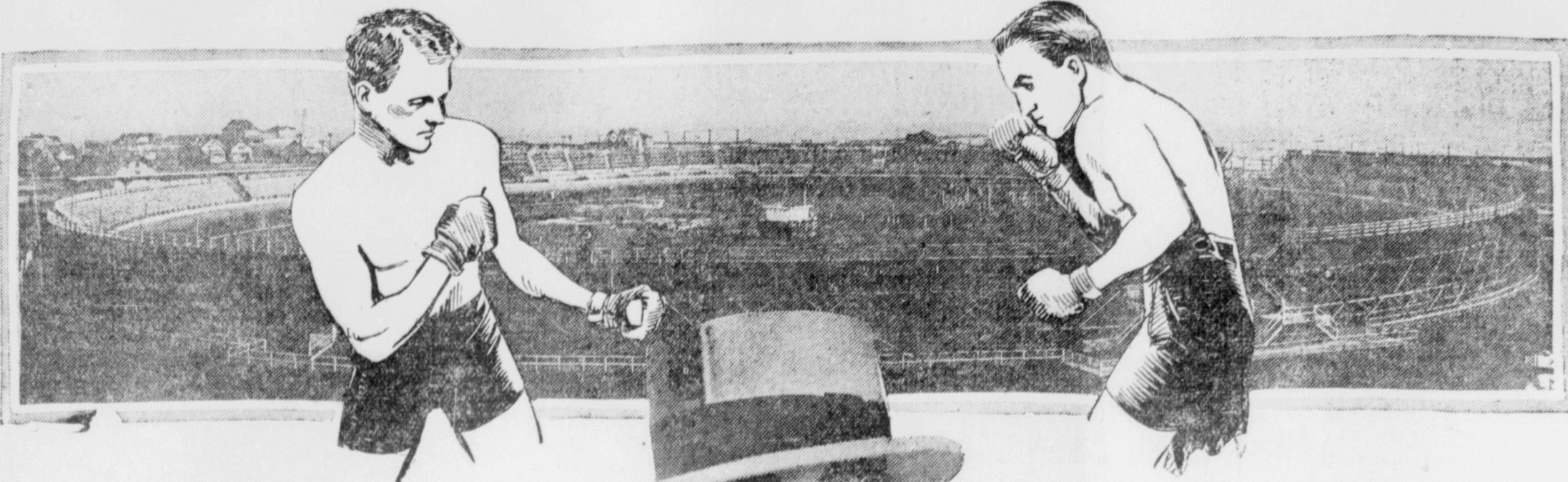
Does your coal come from. Our coal is all carefully inspected before we accept it—is yours? Our coal has no slag or dirt, or in fact any foreign material to add to the weight or detract from the heating quality. We take good care of our trade at all times.

JOHN LARSON



OLD PAPERS Get Your Old Papers at the Brainerd Dispatch. 5c A Bundle—Buy Now.

When the Greatest Boxers of the World Meet Tonight at Brighton Beach Motordrome



Packey McFarland

Mike Gibbons

Packey McFarland, fastest and greatest boxer the world has known, with the exception of the ancient "Young Griffo" and Jim Driscoll, respectively Australian and Welsh wonders, will meet Mike Gibbons, the best fighting middle weight in the world, and also one of the greatest boxers the ring has known, tonight, at the Brighton Beach Motordrome, at Coney Island. William C. Marshall, "You're-On" Marshall, who never managed a boxing match, has contracted to give them the heretofore unheard of purse of \$32,500—that is unheard of for a no decision, ten round contest.

"But who's Marshall?" a million fight fans ask.

Three weeks ago Marshall would have called the man crazy who suggested that he promote a prize fight. It all came about during a conversa-

tion with a sporting writer. Their conversation drifted to the possibility of McFarland and Gibbons ever coming together.

Could it be done? The sporting writer was sure it could. Marshall glanced toward the big Motordrome with a possible seating capacity of 60,000 and the thought flashed through his mind. Within four days he and the sporting writer were on their way to Chicago and within twenty-four hours they were in communication with the two great boxers. The two men got together and both insisted on more money than Marshall had decided to pay. It was a matter of \$7,000 difference. The fight stood deadlocked. Marshall suddenly brushed away every obstacle by saying:

"You're on."

During their acquaintance of a



"You're-On" Marshall

few days the two boxers and Marshall got to be good friends. They

had posted a forfeit of \$1,500 each to assure the fight and Marshall had posted \$3,000 to guarantee his good faith. Both fighters walked into his room in the hotel the day after the forfeits were posted and agreed to post an additional \$1,000 each if Marshall would make his forfeit \$5,000.

"You're On," said Marshall. There are many interesting facts in the life of William C. Marshall and not the least of these is the fact that he never witnessed a boxing match. He started the McFarland-Gibbons bout as a business venture pure and simple, and it was only the atmosphere of the thing that made of him the enthusiastic fight fan that he is today. He is anxious to see the McFarland-Gibbons go as any of the 60,000 fans who are expected to be present.

Mr. Marshall was born on a farm in Iowa. Later he became a ranchman. He punched cows for several years before he started in business for himself as a cowman. When the sheep men and the homesteaders closed in on the open country he gave up the cattle business and started railroad building. He handled some large contracts for the Great Northern, Northern Pacific, Soo, C. P. R. and Milwaukee railroads. After finishing a large contract on the C. P. R. in the early spring he went on to New York to visit his cousin, Chauncey Marshall, Jr., of Brighton Baths. William C. Marshall is financially interested in the Brighton Baths property and was looking the place over when the incident described induced him to promote the McFarland-Gibbons fight.

ity of the trend of the formation, make it possible to place almost all of the holes in the ore formation. A compilation of the exploration records on six developed orebodies on the south range shows an actual total of 3,000 feet of drilling per forty. This compares with the 3,400 feet per forty arrived at theoretically in an earlier paragraph of this paper. Each foot of this drilling developed 250 tons of merchantable ore. That is, at the average rates for drilling which have prevailed on the range for the past 5 years the exploration cost of developing 1 ton of ore was 1 cent. While the record for the entire range would probably be a little higher than this we believe that the Cuyuna showing in this particular will compare favorably with any other district in the Lake Superior region.

In addition to this inducement for exploration there is no question that the range has possibilities for orebodies now unsuspected in parallel or displaced lenses. Within the last year there have been several cases where a careful consideration of apparently insignificant magnetic indications has led to the discovery of important orebodies, and it is the opinion of those who have given the district the most careful study that the future has in store many similar results. Thus the greatest possibilities for ore in unexplored areas are on lands close to and parallel to the presently outlined orebodies rather than perhaps on lands in newer and more distant areas.

Candidate For Congress.

The constitution says, "No person shall be a representative who shall not have attained to the age of twenty-five years."

This would seem to mean that one may run for congress before he is twenty-five, provided the election day comes on or after the candidate's twenty-fifth birthday.—New York American.

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EXPLORATION AND DRILLING

Phases of This Work Described as They Occurred on the Cuyuna Iron Range in

PAPER OF MR. P. W. DONOVAN

Read at Lake Superior Mining Institute Held at Crosby on September 7, Annual Session

In line with Carl Zapffe's fine paper on the Cuyuna iron range, read at the twentieth annual meeting of the Lake Superior Mining Institute at Crosby Sept. 7, was another of timely interest by P. W. Donovan entitled "Some Aspects of Exploration and Drilling on the Cuyuna Range." Mr. Donovan was not at the meeting, being called to Dunstan by the death of his father. The paper was read by Mr. Zapffe.

Mr. Donovan is the local representative of the E. J. Longyear Co. at Brainerd. In his review he said:

Exploration and drilling on the Cuyuna present a few features peculiarly characteristic of the range and a brief consideration of these may be of interest.

A preliminary magnetic examination has an important bearing on the location of holes in spite of the statement frequently made by disappointed explorers that the magnetic line has nothing to do with the presence of ore. Year by year, the results of exploration, especially on the South Range, have increasingly shown the importance and desirability of careful and detailed work of this kind, and while the presence of a magnetic line is not an invariable indication of an orebody, the fact remains that the lines of maximum attraction constitute the great guide to exploration on this range.

The first step, then, in the exploration of a normal Cuyuna property is a magnetic survey of it to determine the course of the maximum attraction upon it. Or if there is no attraction on it, the course of the trend of the maximum as indicated by its position at the nearest points on each side. This magnetic data will naturally be correlated with drilling or mining information on neighboring properties where it is available.

The method of exploration commonly followed opens with the running of a base line across the property following as closely as possible the course of the maximum attraction. From it holes are located in cross sections at right angles to and at regular intervals along the strike. The normal footwall member for the district is the magnetic slate and the normal dip is to the southeast. For these reasons the ore is usually to be expected on the south side of the maximum attraction, the distance varying more or less from place to place. The dip varies from 55 deg. southeast to vertical, 70 deg. probably being the average for the south range, with something a little flatter for the north range. In a few cases dips to the northwest have been found. The first hole on a cross section would be started from 50 to 150 feet southeast of the maximum attraction and angling towards it. This distance and whether the angle should be 60 or 70 deg. would depend on the depth of surface expected. The position in which this first hole cut

MORE WAR FACTORIES THAN HELP

By J. W. T. Mason, for United Press

After holding office as British minister of munitions for three and a half months, David Lloyd George has not been able to establish the output of war supplies on a satisfactory basis. He has partly failed in his task, and the British army is still compelled to go largely without the guns and ammunition it so badly needs.

Lloyd George's speech before the congress of British trade unionists at Bristol is the first announcement of the work that has been done since the ministry of munitions was organized last May. More war factories have been erected and equipped than there are men to run them. This is the basis of Lloyd George's complaint. He declares the nation's munitions plants are short 80,000 skilled laborers and only 15 per cent of the machinery is being operated by night shifts.

The situation thus revealed is made still more serious by Lloyd George's appeal to the workmen to abolish their trade union restrictions to permit technically unskilled men to do skilled work and to allow the output to be speeded up by fast workers. It was supposed the minister of munitions had previously persuaded the trade unions to work in harmony with him, but such is not the case. British labor is still clinging to its trade union rules and the ministry of munitions is unable to make progress against the suspicion of the workers.

It has recently been stated in England that the output of munitions has increased only 60 per cent since Lloyd George accepted his new office. This estimate, which was made in labor circles, seems to be borne out by Lloyd George's assertion that the government needs nearly 300,000 more munitions workers than it already has secured. George Lansbury, one of Great Britain's socialist labor leaders, explains to the United Press today that the workmen will not consent to having their patriotism exploited. He declares the workers are fighting the greed of the employers.

Undoubtedly this attitude of the workmen was necessary from the standpoint of self-preservation earlier in the war. How far it is necessary now is not known. Lloyd George told the Bristol congress that war profits had been eliminated from 95 per cent of munitions factories.

Nevertheless, Mr. Lansbury is right beyond questioning in declaring the workmen must struggle to meet the higher cost of living. The workmen's wages in the United Kingdom are always at a minimum. It is improbable Great Britain will solve her munitions problem until the problem of a year's rise in the cost of living, amounting to 33 per cent, is solved first.

the formation would determine the location of the other holes on the same cross section. For the normal south range orebody three holes to a cross section will block it out in sufficient detail. In fact under uniform conditions alternate sections of three and two holes can be used. On account of the greater width of north range orebodies a larger number of holes to a cross section may be required.

Along the strike 300 feet is the common interval between cross sections, making five cross sections to a forty. Assuming the extension of the orebody the full width of the forty the plan of exploration outlined above would block it out in a manner to permit an accurate estimate with the drilling of twelve to fifteen holes. The average depth of these holes would be about 260 feet, making a total of about 3,400 feet per forty.

The depth of surface varies from a minimum of 14 feet in the N. W. part of T. 46, R. 29 to a little over 300 feet at some points on the east end of the range in Aitkin county. Over the productive part of the south range the average may be said to be about 100 feet and that for the north range about 80 feet.

The kinds of surface vary considerably from place to place on the range but roughly they may be grouped into three general classes: (1) all sand; (2) gravel, hardpan, boulders and sand; and (3) clay. The last is

largely obsolete the necessity of special surface tests holes when opening is under consideration. In the same connection all possible data as to water level should be secured while drilling is in progress, as this information, correlated with the observation of the surface samples, will throw much light on the conditions to be expected in shaft sinking.

The outfit used is the light churn drill equipment with separate diamond drill attachment as developed on the Mesabi range. Its adaptation to hole drilling, particularly for surface or churn drill work has been a local development. In this respect the chief feature of interest is the use of two auxiliary legs with the tripod. They are set at the angle of the hole to be drilled and tied to the front of the tripod. A movable cross piece slides up and down on them and takes the weight of the casing as well as holding it to the proper angle. This feature saves much time in setting up, strengthens the tripod for heavy surface work and greatly facilitates the drilling operation.

The crews themselves, originally recruited from the Mesabi range and experienced in vertical hole drilling, have shown commendable ability in adapting themselves to conditions here. In the early days on the range, 1905 and 1906, much difficulty was encountered in driving the 3-in. casing through surface in angle holes, and not infrequently it would be hopelessly stuck at depths of less than 100 feet. In more recent practice many angle holes have been driven through as much as 250 feet of surface and an average of 15 feet or over per shift maintained for the whole distance.

There has been considerable discussion of this question in the technical journals and a detailed consideration of it is outside the scope of this article. It must be obvious, however, that for the conditions existing on the south range, angle holes are essential. The greater width and flatter dip of north range orebodies permits a wider use of vertical holes but even there they should not be used exclusively. One angle hole to a cross section of alternate sections of vertical and angle holes will give more complete data as to the character of an orebody than vertical holes alone.

The outstanding structural feature of the Cuyuna formation is the close stratification both of the ore lenses and the enclosing walls and it is evident that that kind of hole, which, for a given footage, cuts the largest number of these strata will be the best from an exploratory standpoint; and within the depths which are used for 90 per cent of the holes there should be no difference in the samples from angle and vertical holes for identical methods are used in drilling them.

One point should always be borne in mind, however, in the comparison of results from angle and vertical holes, and of drill samples and mine samples. That is, that on account of the stratified structure a 5-foot sample in a drill hole does not represent the ore in a 5-foot horizontal plane encircling the hole as it would in a massive Mesabi orebody, but in the 5-foot (more or less) plane conforming to the dip and strike of the stratum or strata through which it has passed. Thus a vertical hole might continue a considerable distance in one narrow but steeply dipping stratum which might represent conditions quite different from those on either side of it at right angles to the strike.

As far as the development of the district has gone the drill hole samples and subsequent mine samples on the same property may be said to have checked very closely, in most

cases the mine samples running one-half to one per cent higher than the drill samples. Considerable has been said as to the mine samples from some of the manganese ore bodies running uniformly 6 to 12 per cent higher in manganese than the drill samples in the same ore bodies. It is doubtful, however, whether systematic work in sufficient detail has really been done to establish such a fact. There would seem to be no reason why a carefully taken drill sample in a manganese orebody should not be as representative of the material passed through as a similarly taken sample would be in an iron ore. One fact is to be borne in mind, however, in the consideration of this question, the most striking characteristic of the manganese orebodies is the extreme irregularity of the manganese content. With this in mind it can readily be seen that a drill hole in such material may not be representative of material for any distance around it, even though correct and accurate for that through which it has passed. For this reason a manganese orebody will require a greater number of holes in a given area to show it up accurately than would an iron orebody of the same area.

The greater part of the ore in the district, but especially on the south range, is soft enough for churn drilling. The iron formation on the south range is also soft so the total proportion of diamond drilling is small. On a typical south range property consisting of several forties the diamond drilling was 15 per cent of the total. If the surface drilling be excluded and only the ledge considered the diamond drilling was 32 per cent and the churn drilling 68 per cent. A typical north range property on the total showed 33 per cent diamond drilling and 67 per cent churn drilling; ledge drilling on the same property was 45 per cent diamond drilling and 55 per cent churn.

As might be expected, the slates and schists and even hard ores of the south range give a comparatively small carbon loss. On the other hand the cherty character of much of the north range formation and the frequent quartz seams, give quite a different condition. In some of the ferruginous cherts and cherty hard ores one bit will be good for only two or three feet and the carbon loss is relatively high.

As one studies the record of intelligently directed Cuyuna explorations the one feature which perhaps stands out above all others is the small number of wasted holes. The magnetic lines forming a basis for the location of the first holes and the regular-

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Brainerd Dispatch Time Card	
N. P. Railroad Co.	
Depot Corner 8th and Main Sts.	
To Duluth.....	4:00 a. m. 4:10 a. m.
To Deerwood, Aitkin and Ironton.....	5:00 a. m. 5:05 a. m.
To Duluth.....	2:57 p. m. 2:55 p. m.
To St. Paul.....	3:00 a. m. 3:20 a. m.
To St. Paul.....	5:45 a. m. 5:45 a. m.
To St. Paul.....	11:50 a. m. 1:05 p. m.
Staples and West 12:02 a. m. 12:15 a. m.	Staples and West 11:51 a. m. 12:05 p. m.
M. & I. Railroad Co.	
Depot Corner 8th and Main Sts. NORTH BOUND	
To Int. Falls.....	12:10 a. m. 12:25 a. m.
To Kelliher.....	1:50 p. m. 2:25 p. m.
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